

RZ
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Medizintechnik
GmbH
Progress in Surgery
FEEL
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SENSES
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Instruments and Equipment for Otology





100-041-200 240V
100-041-201 110V

Otoskop LED Set im Etui

Inhalt:

- Röhrchen mit 4 schwarzen, wiederverwendbaren Ohrtrichtern, Größen 2-5mm und je 3 blauen Einwegohrtrichtern 2,5mm (L1/L2) bzw. 2mm (L3) und 4mm
- Operationslinse mit 4-fach Vergrößerung (nur bei L3 im Lieferumfang enthalten)
- Etui mit Sicherheitsverschluss
- Eine Ersatzlampe

Content:

- Tubes with 4 black, reusable ear specula, sizes 2-5mm and each with 3 blue 2.5mm (L1/L2) or 2mm (L3) and 4mm disposable ear specula
- Operation lens with 4-fold magnification (included only with L3)
- Deluxe hard case with safety catch
- One spare lamp



100-041-202 240V
100-041-203 110V

Diagnostic LED Set

Inhalt:

- FO Otoskop
- FO Nasenspekulum
- FO Zungenspatelhalter
- Ersatzlampe
- Röhrchen mit 4 schwarzen, wiederverwendbaren Ohrtrichtern, Größen 2-5mm und je 3 blauen Einwegohrtrichtern 2,5mm (L1/L2) bzw. 2mm (L3) und 4mm
- Operationslinse mit 4-fach Vergrößerung (nur bei L3 im Lieferumfang enthalten)
- Etui mit Sicherheitsverschluss

Content:

- FO Otoskope
- FO nasal speculum
- FO tongue blade holder
- Replacement bulb
- Tubes with 4 black, reusable ear specula, sizes 2-5mm and each with 3 blue 2.5mm (L1/L2) or 2mm (L3) and 4mm disposable ear specula
- Operation lens with 4-fold magnification (included only with L3)
- Deluxe hard case with safety catch



100-041-207

100-041-206

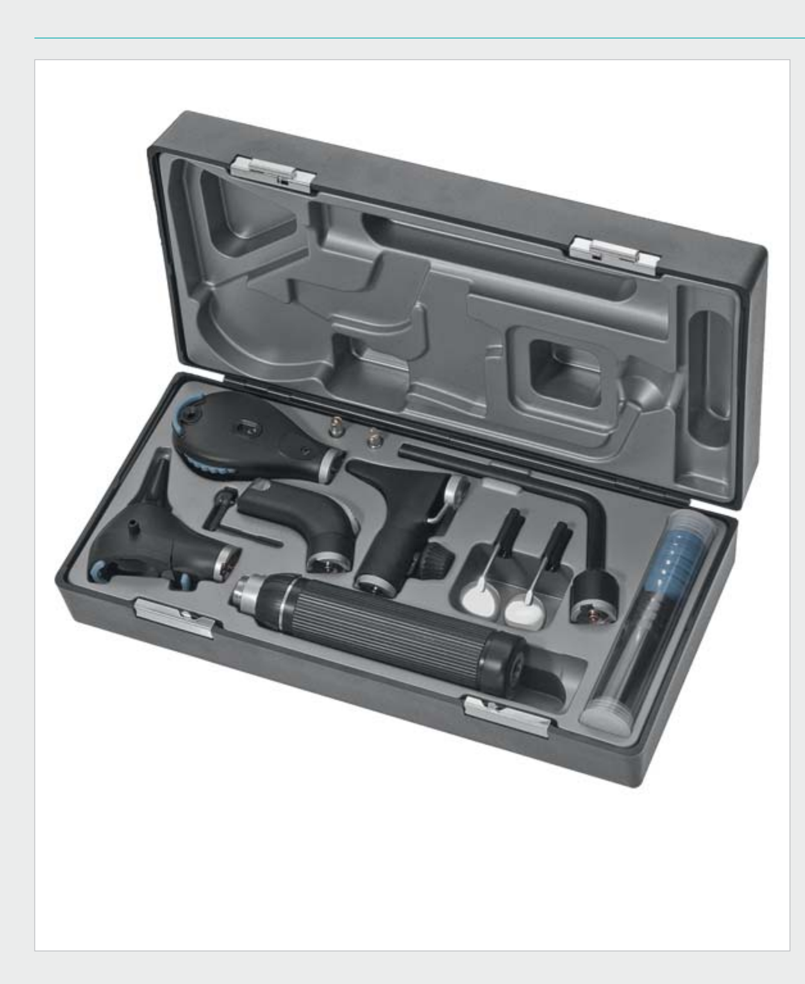
100-041-207

Li-Ionen Akku 3.5V für Otoskop Sets 100-041-200/-201-/202/-203
Li-Ion Rechargeable Battery 3.5V
for Otoscope Sets 100-041-200/-201-/202/-203

100-041-206

Li-Ionen Akku 3.5V für Otoskop Set 100-041-204
Li-Ion Rechargeable Battery 3.5V for Otoscope Set 100-041-204





100-041-204 240V
100-041-205 110V

Deluxe Diagnostic LED Set

Inhalt:

- FO Otoskop
- FO Ophthalmoskop
- FO Nasenspekulum
- FO Zungenspatelhalter
- FO Lampenträger
- Röhrchen mit 4 schwarzen, wiederverwendbaren Ohrtrichtern, Größen 2-5mm und je 3 blauen Einwegohrtrichtern 2,5mm (L1/L2) bzw. 2mm (L3) und 4mm
- Zwei Kehlkopfspiegel Nr. 3 und Nr. 4
- Etui mit Sicherheitsverschluss
- Zwei Ersatzlampen

Content:

- FO Otoskope
- FO Ophthalmoscope
- FO nasal speculum
- FO tongue blade holder
- FO bant-arm illuminator
- Tubes with 4 black, reusable ear specula, sizes 2-5mm and each with 3 blue 2.5mm (L1/L2) or 2mm (L3) and 4mm disposable ear specula
- Two laryngeal mirrors No. 3 and No. 4
- Deluxe hard case with safety catch
- Two spare lamps



100-041-208

LADEGERÄT für Otoskop 100-041-204, 240V
CHARGER for Otoscope 100-041-204, 240V

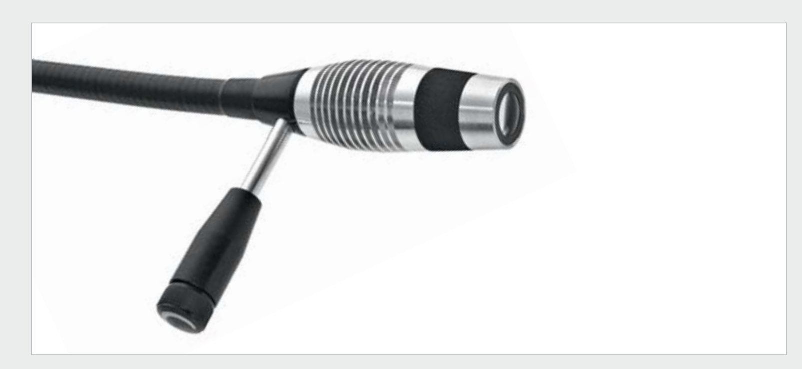
100-041-209

LADEGERÄT für Otoskop 100-041-205, 120V
CHARGER for Otoscope 100-041-205, 120V



MODERNE Untersuchungsleuchte mit optimaler Halogenbeleuchtung 8V, geeignet für kleinere Operationen in Praxen von Gynäkologen oder Zahnärzten und für Diagnosen in anderen medizinischen Bereichen. Die fokussierbare Linse an der Vorderseite des Kopfes ermöglicht eine optimale Einstellung der Größe des beleuchteten Untersuchungsfeldes. Die Lichtstärke kann mit Hilfe des seitlich angebrachten Rheostates reguliert werden. Der hochflexible Spezialarm kann in alle Richtungen bewegt werden und bleibt in jeder Position fest stehen. Das Gerät ist als Tischmodell, Wandmodell oder als Standmodell mit Stativ (Basiseinheit mit zum Teil antistatischen und fixierbaren Rollen und Stange) aus pulverbeschichtetem Stahl erhältlich. Durch die praktische Universalklemme kann das Tischmodell auch an Betten oder Wandschienen in Krankenhäusern angebracht werden.

Very attractive state-of-the art examination light with optimal halogen illumination 8V suitable for operations in offices of gynaecologists dentists and for diagnosis in other medical fields. The focussing lens at the instrument head allows to adjust the size of the illuminated examination field. The light intensity can be adjusted by means of the rheostat. The highly flexible special arm can be moved in all directions and remains in the requested position. The examination light is available as desk model, wall model or stand model with mobile stainless steel stand (base with partly antistatic and partly fixable casters and column), gray powder-coated. The practical universal clamp allows to attach the desk model also to beds or rails in hospitals.



100-200-220 220V
100-200-110 110V
Untersuchungsleuchte mit Halogenlampe 8V
Examination light with halogen illumination 8V



100-201-220 220V
100-201-110 110V
Diagnostik Tischmodell, mit Halogenbeleuchtung 8V
Diagnostic desk modell, with halogen illumination 8V

100-202-220 220V
100-202-110 110V
Diagnostik Wandmodell, mit Halogenbeleuchtung 8V
Diagnostic wall mounted model, with halogen illumination 8V

100-203-220 220V
100-203-110 110V
Diagnostik Standmodell, mit Halogenbeleuchtung 8V
Diagnostic stator model, with halogen illumination 8V



100-103-001
Transformator, 220 Volt
Transformer, 220 volt

100-103-003
Transformator, 120 Volt
Transformer, 120 volt





100-102-100

XENON OP Stirnleuchte, Stirnband schwarz, Kl-Kabel geteilt, Stirnband mit Kopfbügel
XENON OP Headlight, black head band, super light-weight, leather padded FO cable bifurcated, top headband

Distanz/Distance	Spot ∅
20 cm	11 mm - 67 mm
30 cm	12 mm - 101 mm
40 cm	13 mm - 136 mm
50 cm	14 mm - 172 mm
60 cm	16 mm - 208 mm



100-103-100

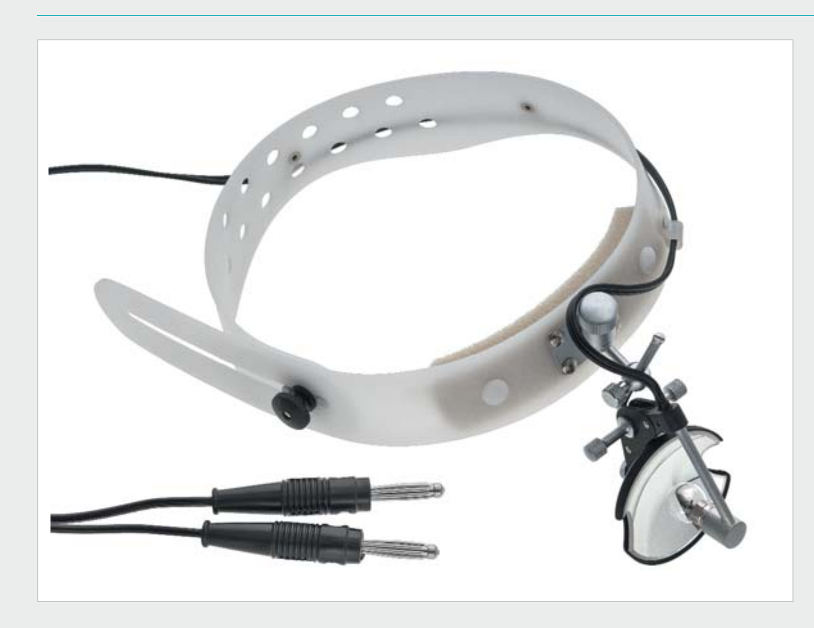
Kopfleuchte mit Kaltlichtkabel Adaptern zur Verwendung an üblichen Kaltlichtquellen, mit Lederpolsterung
Head Light with light cable for use with all common light sources, with leather pad at silicone band



100-103-120

FO Mini Stirnleuchte STANDARD, fokussierbar, ergonomisches Stirnband, 2,6mm ∅ FO Kabel
FO Head Light STANDARD, focussable, ergonomical head band, 2.6mm ∅ FO cable





100-104-000
CLAR
Stirnlampe 55, komplett, 6 V, mit Celluloidband
Head Light 55, complete, 6 V, with Celluloidband

100-104-001
Weißes Stirnband aus Celluloid allein, zur Stirnlampe 100-104-000
White celluloid headband only, for head light 100-104-000

100-104-002
Reflektor allein, für Stirnlampe 100-104-000
Mirror only, for head light 100-104-000

100-104-006
Ersatz-Birnchen allein, 6Volt
Spare bulb, 6 volt

100-104-003
Ersatz-Schaumgummipolsterung für Stirnband 100-104-001
Spare foam rubber pad, for headband 100-104-001



100-104-200
Miniatur Clar 73 Stirnlampe, Fiberglas-Leitung
Mini Clar 73 head light with fiberoptic light carrier



100-103-300
Power LED Kopfleuchte, mit Li-Ionen Batterie, Stirnband
mit stufenlosem Einstellrad, inkl. Ladegerät
Power LED Head light with Li-Ion battery, head band with
stepless regulation wheel, including charger





100-103-400

LED Kopfleuchte mit Li-Ionen Batterie, Stirnband mit stufenlosem Einstellrad, inkl. Ladegerät
LED Head light with Li-Ion battery, head band with stepless regulation wheel, including charger



100-104-020

CLAR LED Stirnlampe 55, mit Batteriebox, komplett
CLAR LED Head Light 55, with battery box, complete



100-100-005

Jansen Stirnlampe, 6 V, mit breitem Plastikstirnband
Jansen Head Light, 6V, with wide plastic head band





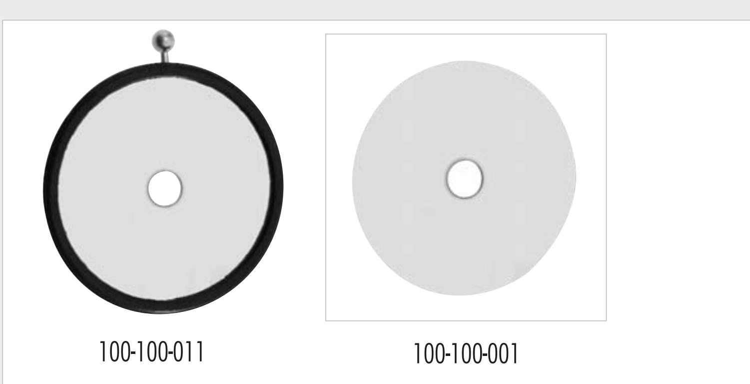
100-100-002
ZIEGLER
Stirnband aus Kunststoff allein, schwarz
Headband, plastic, black

100-100-003
ZIEGLER
Stirnband aus Kunststoff allein, weiß
Headband, plastic, white


100-100-006

100-105-010
MURPHY
Stirnband aus Celluloid, weiß, allein
Headband, celluloid, white

100-100-006
Doppelgelenk aus Metall
Double joint of metal


100-100-011 100-100-001

100-100-011
ZIEGLER ∅ 90 mm
Spiegel allein, mit Gummifassung
Head mirrorr only, rubber coated

100-100-001
ZIEGLER
Reflektionsspiegel allein, 90 mm ∅, mit Metallrand
Head mirror only, 90 mm ∅, with metal-coating

100-100-000
ZIEGLER dito, 100 mm ∅ / same, 100 mm ∅


250-039-000 250-037-000
250-038-000 250-044-000
250-048-000 250-045-000
250-051-000 250-052-000
250-059-000

Adaperstücke / Adaptor pieces

250-039-000	RZ/Storz
250-038-000	ACMI/British Standard CUDA
250-048-000	Luxtec
250-051-000	Stryker
250-037-000	Wolf
250-044-000	Olympus
250-045-000	Olympus - Standard
250-052-000	Heine
250-059-000	Pentax





100-610-100
Kopflupe, 1.8 x Vergrößerung mit verstellbarem Kopfband
Head Loup, 1.8x magnifiaction with adjustable head band



100-310-100
FRENZEL
Nystagmus-Leuchtbrille, mit festen Gläsern
Nystagmus spectacles with fixed lenses



100-310-200
FRENZEL
Nystagmus-Leuchtbrille mit aufklappbaren Gläsern
Nystagmus spectacles with hinged lenses



100-310-300
FRENZEL
Nystagmus- Leuchtbrille, mit angebautem Batterie-Handgriff
und festen Gläsern
Nystagmus spectacles, with battery attachment, fixed lenses

100-310-310
Batteriegriff allein, für 100-310-300
Battery handle only, for 100-310-300

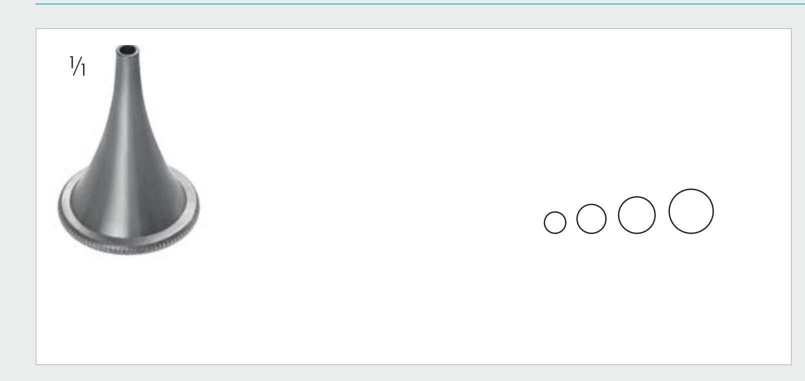
100-310-311
Ersatzlampe, 4 Volt, für Nystagmusbrillen
Spare bulb, 4 volt, for Nystagmus Spectacles





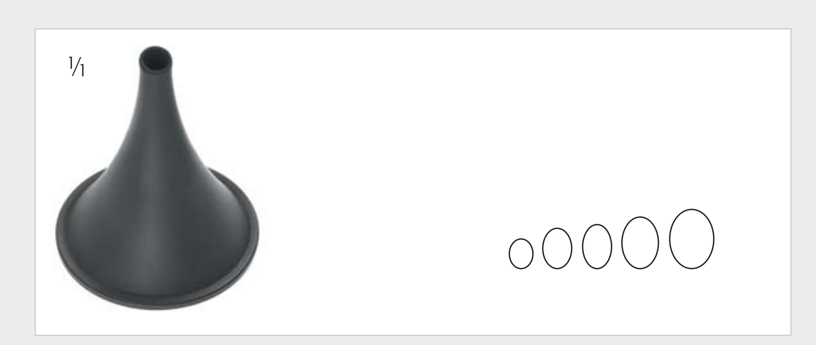
100-310-410
Stoppuhr 1/5 Sek. und 1/100 Min
Stopwatch 1/5 sec. and 1/100 min





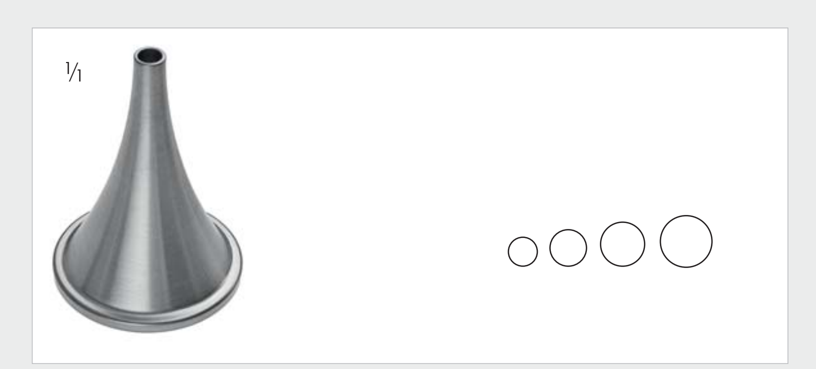
410-009-003	Innen/inner ∅: 2mm, Außen/outer ∅:3mm
410-009-004	Innen/inner ∅: 3mm, Außen/outer ∅:4mm
410-009-005	Innen/inner ∅: 4mm, Außen/outer ∅:5mm
410-009-006	Innen/inner ∅: 5mm, Außen/outer ∅:6mm
410-009-010	Satz aus 4 Teilen / Set of 4 pieces

POLITZER
Ohrspekula rund, gerade, 19mm ∅ Rändel, 27mm Länge, rostfrei, für Kinder
Aural Speculum round, 19mm knurl ∅,straight, 27mm length, stainless, for children



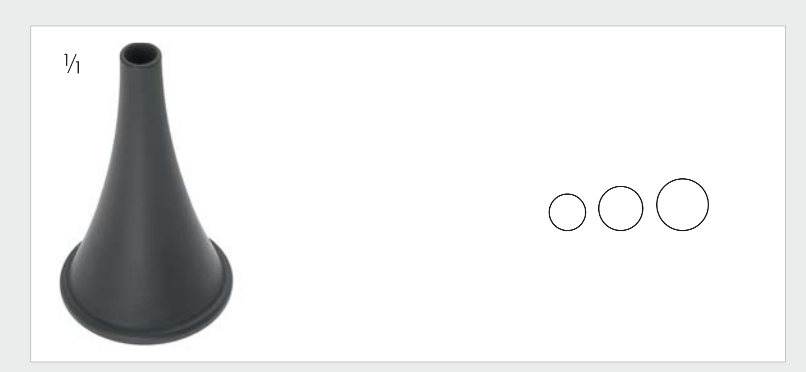
410-011-001	Außen/outer ∅:3.3x4.1mm
410-011-002	Außen/outer ∅:4.0x5.5mm
410-011-003	Außen/outer ∅:5.0x7.5mm
410-011-004	Außen/outer ∅:6.0x8.5mm
410-011-005	Außen/outer ∅:7.0mmx9.5mm
410-011-100	Satz aus 5 Teilen / Set of 5 pieces

SHEA
Ohrspekula oval, abgeschrägt, geschwärzt, 38mm Länge
Aural Speculum oval, angled, black finish, 38mm length



	Innen/inner ∅	Außen/outer ∅
410-014-004	3mm	4mm
410-014-005	4mm	5mm
410-014-006	5mm	6mm
410-014-007	6mm	7mm
410-014-000	Satz aus 4 Teilen/Set of 4 Pieces	

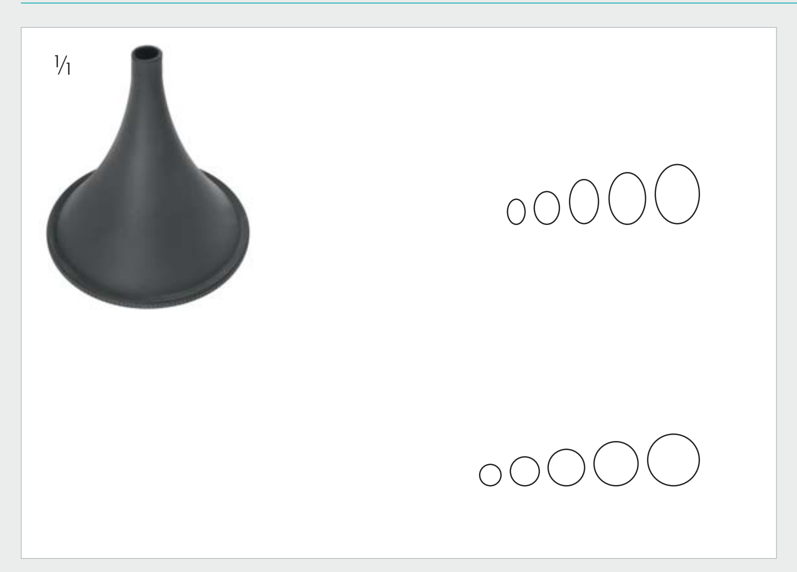
TOYNBEE
Ohrspekula rund, gerade 36mm Länge
Aural Speculum round, straight, 36mm length



	Innen/inner ∅	Außen/outer ∅
410-014-105	4mm	5mm
410-014-106	5mm	6mm
410-014-107	6mm	7mm
410-014-110	Satz aus 3 Teilen/Set of 3 Pieces	

TOYNBEE
Ohrspekula rund, geschwärzt, 40mm Länge
Aural Speculum round, black finish, 40mm length

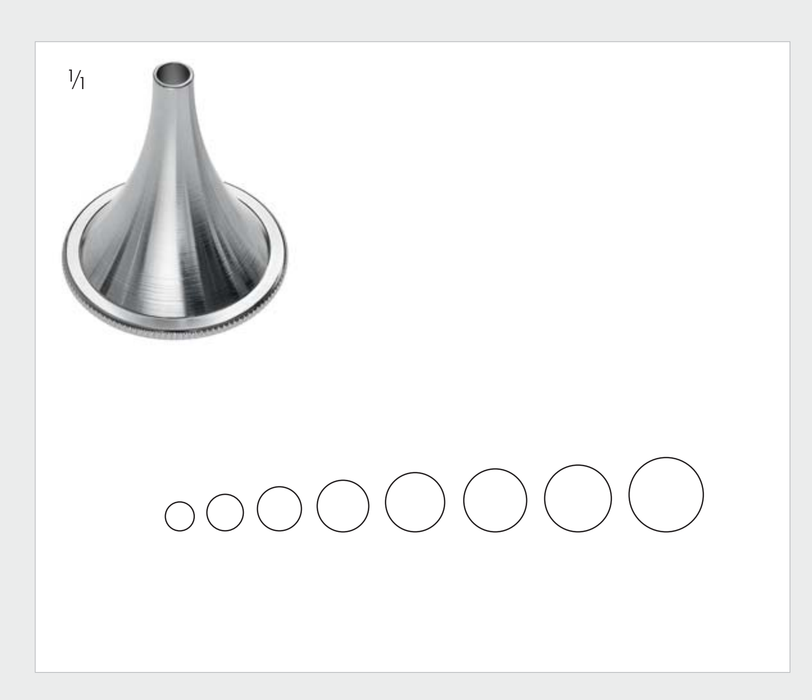




410-015-001 Außen/outer ∅:2.5x3.5mm
410-015-002 Außen/outer ∅:3.5x4.5mm
410-015-003 Außen/outer ∅:4.0x6.0mm
410-015-004 Außen/outer ∅:5.0x7.0mm
410-015-005 Außen/outer ∅:4.0x8.0mm
410-015-100 Satz aus 5 Teilen / Set of 5 pieces

410-016-001 Außen/outer ∅:3mm, rund/round
410-016-002 Außen/outer ∅:4mm, rund/round
410-016-003 Außen/outer ∅:5mm, rund/round
410-016-004 Außen/outer ∅:6mm, rund/round
410-016-005 Außen/outer ∅:7mm, rund/round
410-016-100 Satz aus 5 Teilen / Set of 5 pieces

ROSEN
Ohrspekula gerade, geschwärzt, 38mm Länge
Aural Speculum straight, black finish, 38mm length



410-018-004 Innen/inner ∅: 3mm, Außen/outer ∅:4mm
Länge/length: 31mm
410-018-005 Innen/inner ∅: 4mm, Außen/outer ∅:5mm
Länge/length: 32mm
410-018-006 Innen/inner ∅: 5mm, Außen/outer ∅:6mm
Länge/length: 33mm
410-018-007 Innen/inner ∅: 6mm, Außen/outer ∅:7mm
Länge/length: 34mm
410-018-008 Innen/inner ∅: 7mm, Außen/outer ∅:8mm
Länge/length: 35mm
410-018-085 Innen/inner ∅: 7.6mm, Außen/outer ∅:8.5mm
Länge/length: 36mm
410-018-009 Innen/inner ∅: 8mm, Außen/outer ∅:9mm
Länge/length: 36mm
410-018-010 Innen/inner ∅: 8mm, Außen/outer ∅:10mm
Länge/length: 37mm

BOUCHERON
Ohrspekula rund, gerade, verchromt
Ear speculum, round, straight end, chrome plated

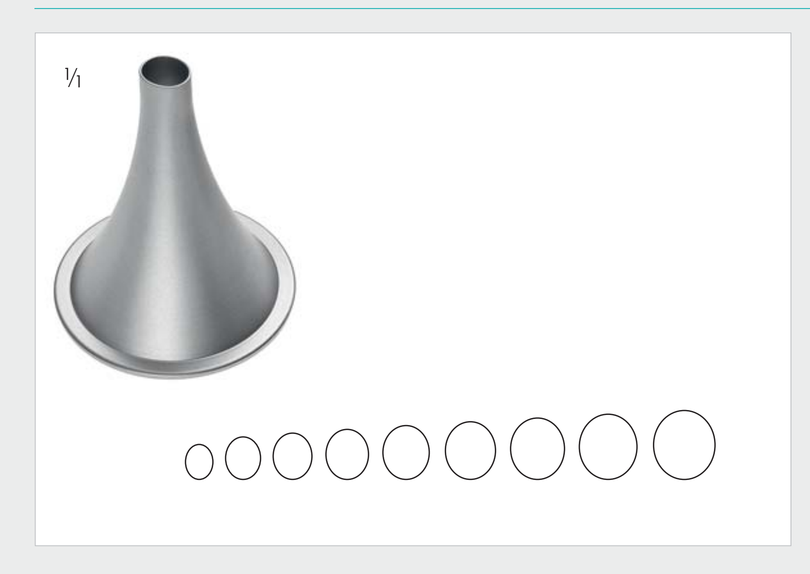


Erwachsene/Adult: 36mm länge/length
410-019-030 Außen/outer ∅: 3mm
410-019-040 Außen/outer ∅: 4mm
410-019-050 Außen/outer ∅: 5mm
410-019-060 Außen/outer ∅: 6mm
410-019-075 Außen/outer ∅: 7.5mm

Kinder/Children: 27mm länge/length
410-019-003 Außen/outer ∅: 3mm
410-019-004 Außen/outer ∅: 4mm
410-019-005 Außen/outer ∅: 5mm

Hartmann
Ohrspekula rund, gerade, rostfrei
Aural Speculum round, straight, stainless





	Innen/inner ∅	Außen/outer ∅
410-021-001	3x4mm	3.8x4.8mm
410-021-002	4x5mm	4.8x5.8mm
410-021-003	4.5x5.5mm	5.3x6.3mm
410-021-004	5x6mm	5.8x6.8mm
410-021-005	5.5x6.5mm	6.3x7.3mm
410-021-006	6x7mm	6.8x7.8mm
410-021-007	6.5x7.5mm	7.3x8.3mm
410-021-008	7x8mm	7.8x8.8mm
410-021-009	7.5x8.5mm	8.3x9.3mm
410-021-000	Satz mit 9 Stück Set of 9 pieces	

FARRIOR
Ohrspekula oval, gerade, 43mm, rostfrei
Aural Speculum oval, straight, 43mm, stainless



	Innen/inner ∅	Außen/outer ∅
410-022-001	3.3mm	4.1mm
410-022-002	4.3mm	5.1mm
410-022-003	4.8mm,	5.6mm
410-022-004	5.3mm	6.1mm
410-022-005	5.8mm	6.6mm
410-022-006	6.3mm	7.1mm
410-022-007	6.7mm	7.5mm
410-022-008	7.2mm	8.0mm
410-022-009	7.7mm	8.5mm
410-022-000	Satz aus 9 Teilen Set of 9 Pieces	

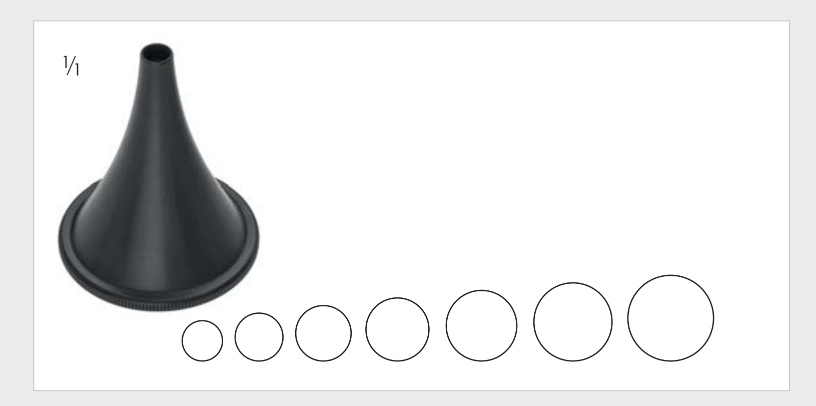
FARRIOR
Ohrspekula rund, gerade, 35mm ∅ Rändel, 43mm Länge, rostfrei
Aural Speculum round, 35mm knurl ∅, straight, 43mm length, stainless



	Innen/inner ∅	Außen/outer ∅
410-023-001	3x4mm	3.8x4.8mm
410-023-002	4x5mm	4.8x5.8mm
410-023-003	4.5x5.5mm	5.3x6.3mm
410-023-004	5x6mm	5.8x6.8mm
410-023-005	5.5x6.5mm	6.3x7.3mm
410-023-006	6x7mm	6.8x7.8mm
410-023-007	6.5x7.5mm	7.3x8.3mm
410-023-008	7x8mm	7.8x8.8mm
410-023-009	7.5x8.5mm	8.3x9.3mm
410-023-000	Satz mit 9 Stück Set of 9 pieces	

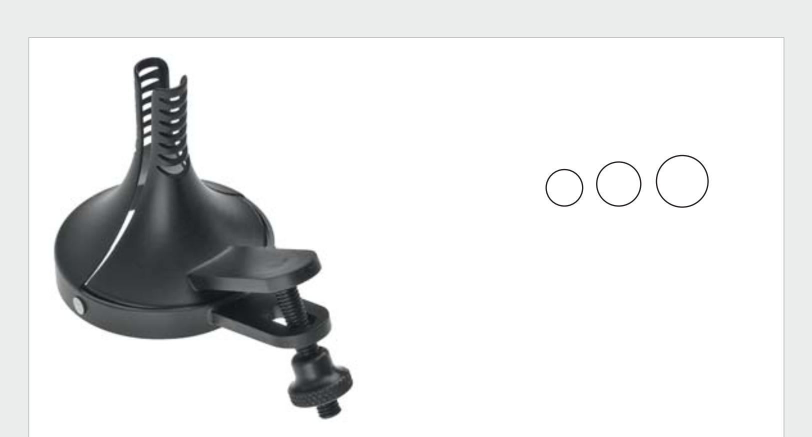
FARRIOR
Ohrspekula oval, 20° abgeschrägt, 43mm, rostfrei
Aural Speculum oval, 20° oblique end, 43mm, stainless





	Innen/inner ∅	Außen/outer ∅
410-024-001	4.5mm	5.5mm
410-024-002	5.5mm	6.5mm
410-024-003	6.5mm	7.5mm
410-024-004	7.5mm	8.5mm
410-024-005	8.5mm	9.5mm
410-024-006	9.5mm	10.5mm
410-024-007	10.5mm	11.5mm

FARRIOR
Ohrspekula rund, gerade, 36mm, geschwärzt
Aural Speculum round, 36mm straight end, black finish



	Innen/inner ∅	Außen/outer ∅
410-032-050	4mm	5mm
410-032-060	5mm	6mm
410-032-070	6mm	7mm

HOLMGREN
Ohrspekula, selbsthaltend, geschwärzt
Aural Speculum, self retaining, black finish



	Innen/inner ∅	Außen/outer ∅
410-132-001	4.5x5.5mm	5.5x6.5mm
410-132-002	5.5x6.5mm	6.5x7.5mm
410-132-003	6.5x7.5mm	7.5x8.5mm
410-132-004	7.5x8.5mm	8.5x9.5mm
410-132-005	8.5x9.5mm	9.5x10.5mm
410-132-006	9.5x10.5mm	10.5x11.5mm

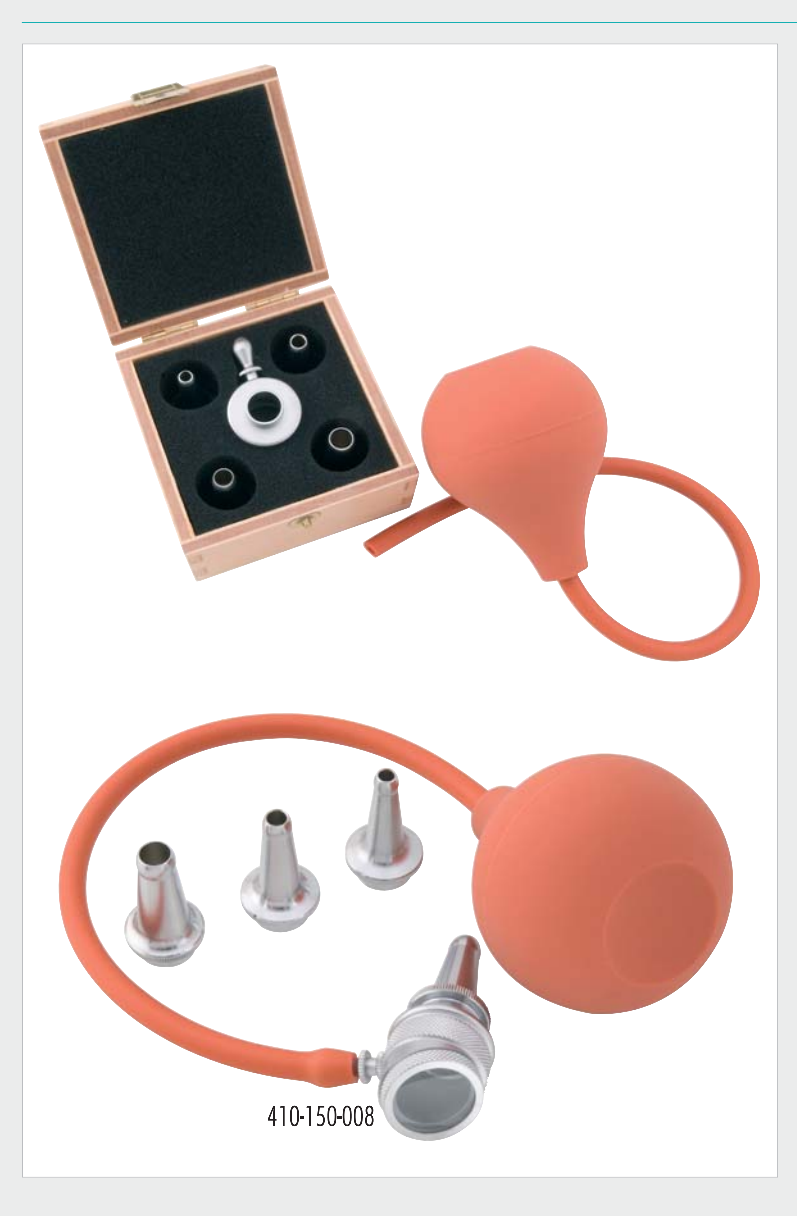
ZOELLNER
Ohrspekula oval, gerade, geschwärztes Aluminium, 38mm Länge
Aural Speculum oval, straight, black finished aluminium, 38mm length



170-786-030	30mm Blatt/blade
170-786-050	50mm Blatt/blade
170-786-075	75mm Blatt/blade

SCHWABER
Gelenk Spekula, 16,5cm
Specula with hinge, 6 ½ inch





410-150-000 — Satz à 4 Stück / Set of 4 sizes

410-150-003	410-150-004	410-150-005
∅ 7,5 mm	∅ 8,0 mm	∅ 9,0 mm

410-150-006
∅ 12,0 mm

BRÜNINGS

Anastigmatische Ohrlupe, komplett mit: 1 Lupenkörper voll 410-150-007, 4 Ohrspekula, 1 Saugball mit Gummischlauch und Steckkonus 410-150-008

Aural magnifier, anastigmatic, complete with: 1 diagnostic head 410-150-007, 4 Ear specula, 1 rubber bulb with rubber tube and connection cone 410-150-008



410-150-100 — Satz à 6 Stück / Set of 6 sizes

410-150-001	410-150-002	410-150-003
∅ 5,3 mm	∅ 6,5 mm	∅ 7,5 mm

410-150-004	410-150-005	410-150-006
∅ 8,0 mm	∅ 9,0 mm	∅ 12,0 mm

BRÜNINGS

Anastigmatische Ohrlupe, komplett mit: 1 Lupenkörper voll 410-150-007, 1 Lupenkörper mit Segment-Ausschnitt, 6 Ohrspekula, 1 Saugball mit Gummischlauch und Steckkonus 410-150-008

Aural magnifier, anastigmatic, complete with: 1 diagnostic head 410-150-007, 1 operating head, 6 ear specula, 1 rubber tube and connection cone 410-150-008





250-066-275

LEYLA

Ohrspekulahalter komplett, einstellbar zum Befestigen an Kopfbügel oder Stange des OP-Tisches. Der Arm wird durch den Spannhebel über einen Exzenter gespannt und in fixe Stellung gebracht.
Aural specula holder, flexible, for attaching to head bow or to the railing of operating table. The flexible part can be put in any fixed position by means of the wing-screw attached to an eccentric.



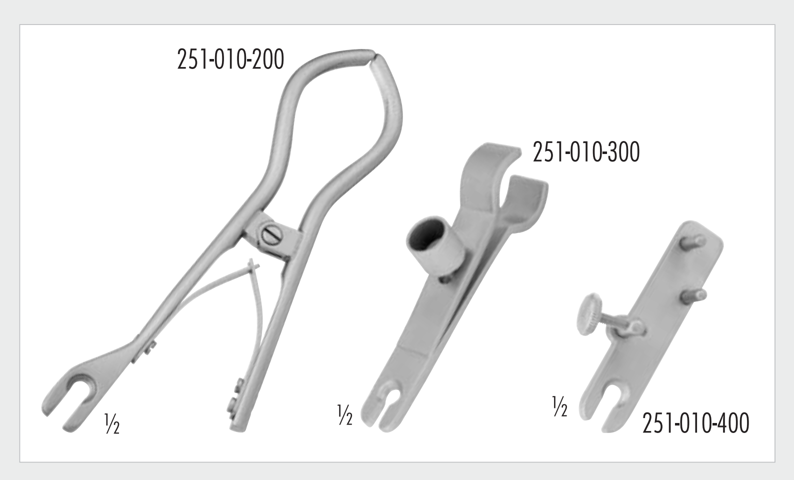
251-010-000

RZ

Flexibler Arm komplett mit Haltestange ohne Gelenkkloben
Flexible Arm complete with holding rod without Rotating Clamp

251-010-100

Gelenkkloben für flexiblen Spannarm zur Befestigung am OP-Tisch
Rotating clamp for flexible tension arm attachable to operating table



251-010-200

Ohrspekula Halter für flexiblen Spannarm
Aural specula holder for flexible arm

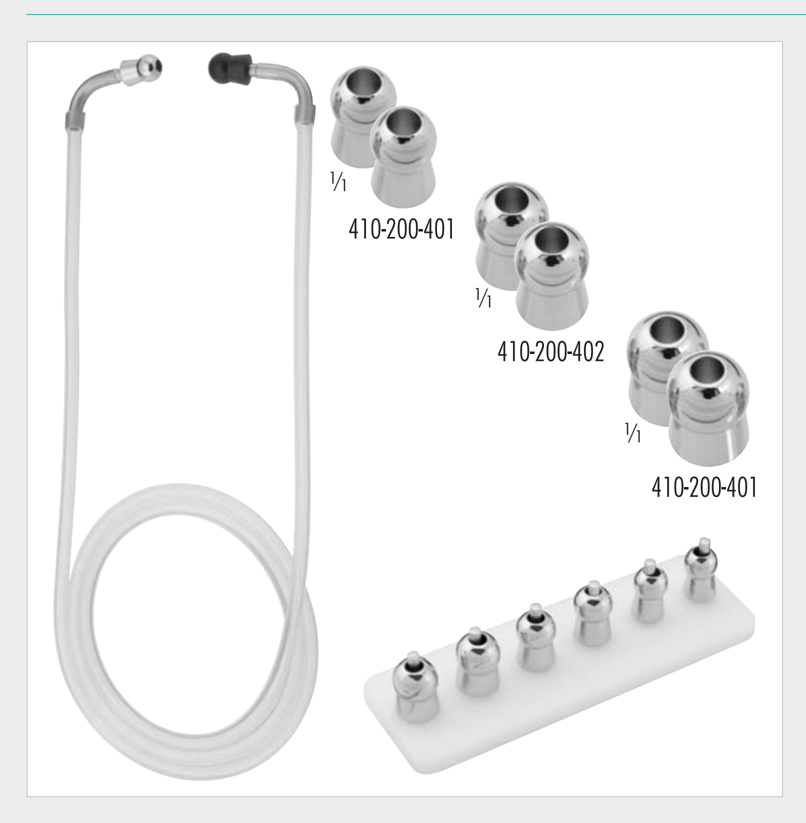
251-010-300

Endoskop Halterung für flexiblen Spannarm
Endoscope clamp for flexible arm

251-010-400

Nasenspekula Halterung für flexiblen Spannarm
Nasal specula clamp for flexible arm





410-200-400

Hörschlauch mit 6 Oliven in 3 Größen auf weißer Kunststoffplatte, Schlauch mit Winkelstück, Arztolive schwarz

2 Oliven Gr.1	410-200-401
2 Oliven Gr.2	410-200-402
2 Oliven Gr.3	410-200-403
1 Olive schwarz	410-200-404
1 Kunststoffplatte	410-200-405
1 Schlauch	410-200-406
2 Winkelstücke	410-200-407

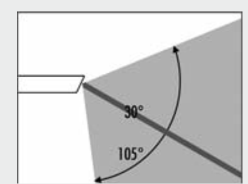
Auditory tube, complete with:
6 aural pieces in 3 sizes on plastic baseplate, tube with metal elbow, physician ear piece black

2 aural pieces, size 1	410-200-401
2 aural pieces, size 2	410-200-402
2 aural pieces, size 3	410-200-403
1 aural piece, black	410-200-404
1 plastic base-plate	410-200-405
1 rubber tube	410-200-406
1 metal elbows	410-200-407



410-004-000

Otoskop, 0°, ∅ 4 mm, Arbeitslänge 50 mm
Otoscope, 0°, ∅ 4 mm, working length 2 inch



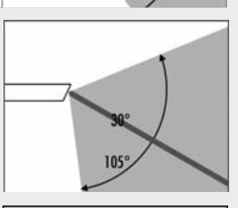
410-004-030

Otoskop , 30°, ∅ 4 mm, Arbeitslänge 50 mm
Otoscope , 30°, ∅ 4 mm, working length 2 inch



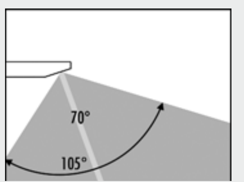
410-027-000

Otoskop, 0°, ∅ 2,7 mm, Arbeitslänge 41 mm
Otoscope, 0°, ∅ 2.7 mm, working length 1 ½ inch



410-027-030

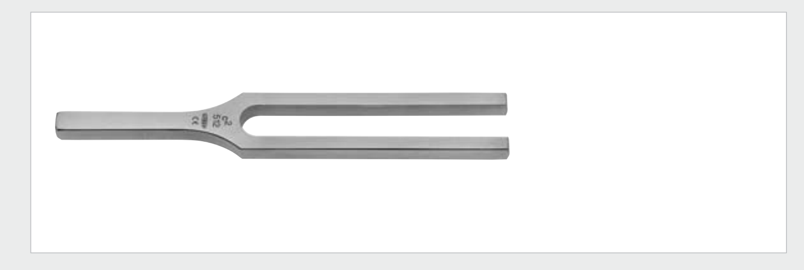
Otoskop , 30°, ∅ 2,7 mm, Arbeitslänge 41 mm
Otoscope , 30°, ∅ 2.7 mm, working length 1 ½ inch



410-027-070

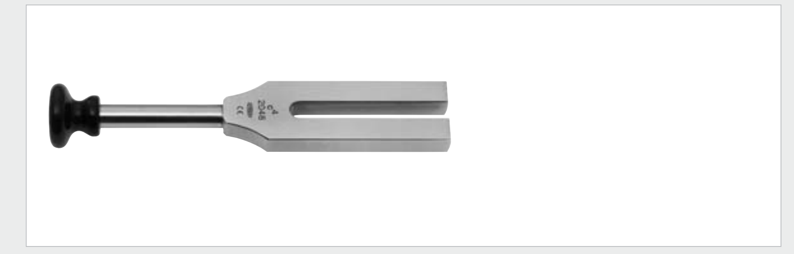
Otoskop , 70°, ∅ 2,7 mm, Arbeitslänge 110 mm
Otoscope , 70°, ∅ 2.7 mm, working length 4 ⅓ mm





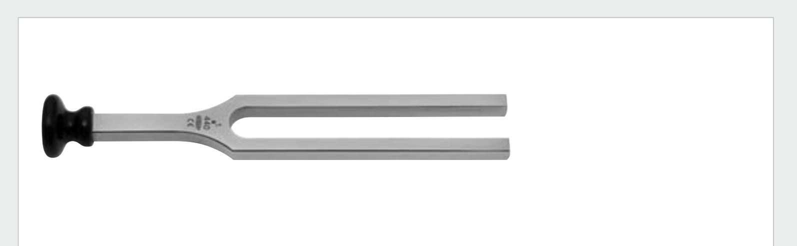
410-185-010 = c 128 | 410-185-110 = c1 256
410-185-210 = c2 512 | 410-185-310 = c3 1024
410-185-410 = c4 2048 | 410-185-510 = c5 4096

HARTMANN
Stimmgabel
Tuning fork

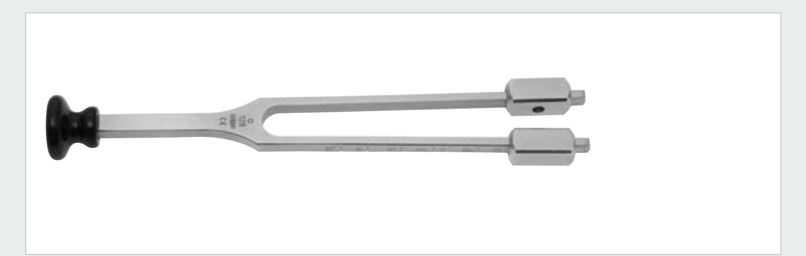


410-174-128 = c 128 | 410-174-256 = c1 256
410-174-512 = c2 512 | 410-174-102 = c3 1024
410-174-204 = c4 2048

LUCAE
Stimmgabel mit Fuß
Tuning fork with platform



410-190-440 = c1 440
Stimmgabel mit Fuß
Tuning fork with platform



410-175-128 = c 128

LUCAE
Stimmgabel für den Neurologen, mit Fuß und Dämpfer
Tuning fork (for neurologists), with platform and clamps



410-195-010 = c 128
410-195-110 = c1 256

HARTMANN
Stimmgabel mit Dämpfer
Tuning fork with clamps



410-180-125 = c 64 oder/or c 128

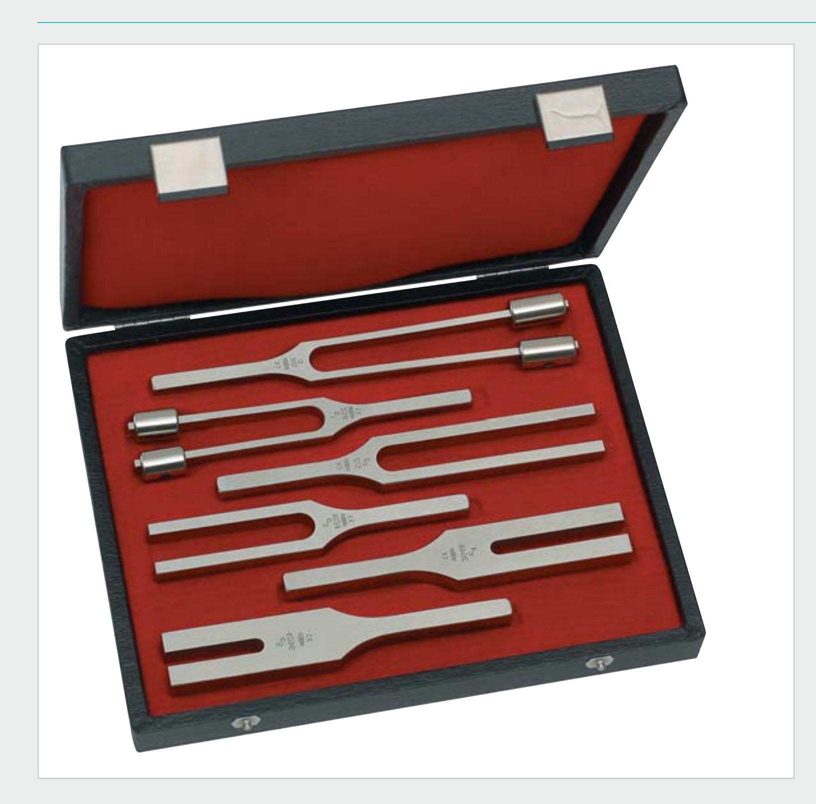
RYDEL-SEIFFER
Stimmgabel mit Fuß, mit Dämpfer c 64,
ohne Dämpfer c 128, abnehmbar
Tuning fork with platform, with clamp c 64,
without clamp c 128, detacheable



410-180-010 = c 128 | 410-180-020 = c1 256
410-180-030 = c2 512 | 410-180-040 = c3 1024

Stimmgabel aus einer Aluminium-Speziallegierung
Tuning fork, aluminum-alloy





410-185-200
HARTMANN
Stimmgabelsatz in Etui, enthaltend:
Tuning fork set in case containing:

410-195-010	= c	128
410-195-110	= c1	256
410-185-210	= c2	512
410-185-310	= c3	1024
410-185-410	= c4	2048
410-185-510	= c5	4096



410-195-000
HARTMANN
Stimmgabelsatz in Etui, enthaltend:
Tuning fork set containing:

410-195-010	= c	128
410-195-110	= c1	256
410-185-210	= c2	512
410-185-310	= c3	1024
410-185-410	= c4	2048



410-227-000
BARANY
Lärmtrommel mit Ohrolive
Noise instrument apparatus, with aural piece



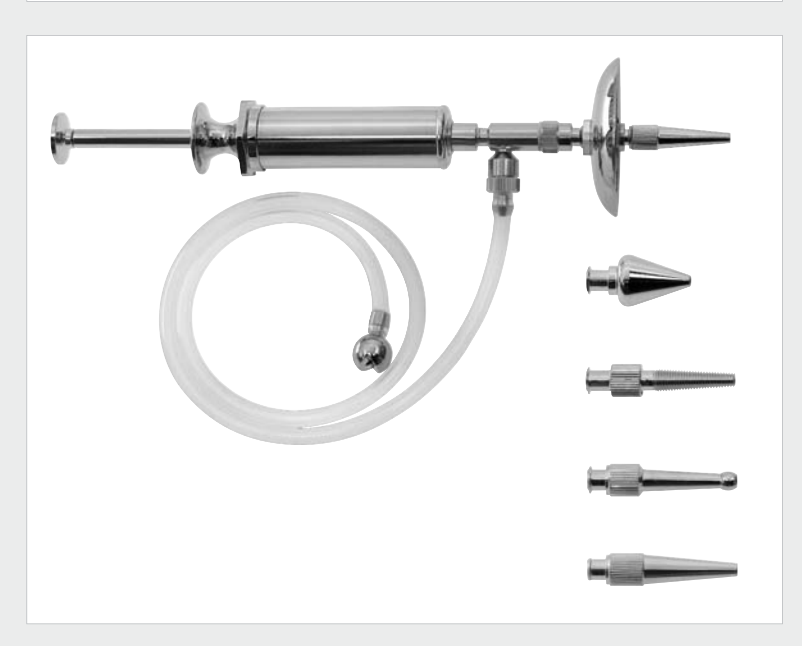
410-227-100
BARANY
Lärmtrommel mit Konus
Noise instrument apparatus, with cone





410-797-050 50 ml
410-797-100 100 ml
SYRINGE
Ohrspritze komplett, Ganzmetallausführung mit konischem
und abgerundetem Aufsatz
Aural syringe, all metal, complete with conical and bulbous pipe

410-798-100 110ccm
SYRINGE
Ohrspritze komplett, **Glasausführung** mit konischem
und abgerundetem Aufsatz
Aural syringe, **Glas edition**, complete with conical and bulbous pipe



410-800-000
Ohrspritze komplett, 10 ml selbstfüllend, Ganzmetallausführung, verchromt, mit Luer-Lock-Ansatz bestehend aus:
Aural syringe, 10 ml, all metal chromium plated, for easy continous one hand filling and emptying. Luer-Lock attachment, consisting of:

410-800-100	Spritze, Ventilaufsatz, Saugfuß, Schutzteller Syringe, valve attachment, metal sinker, Protection shield
410-800-020	Plastikschlauch, 600 mm, Außen - ∅ 5 mm, Innen - ∅ 2 mm Plastic tube, 600 mm long, outside 5 mm, inside 2 mm
410-800-050	Set mit 4 Aufsätzen Set with 4 tips



410-800-040
Schutzteller
Protection shield



410-800-030
Saugfuß
Metal sinker

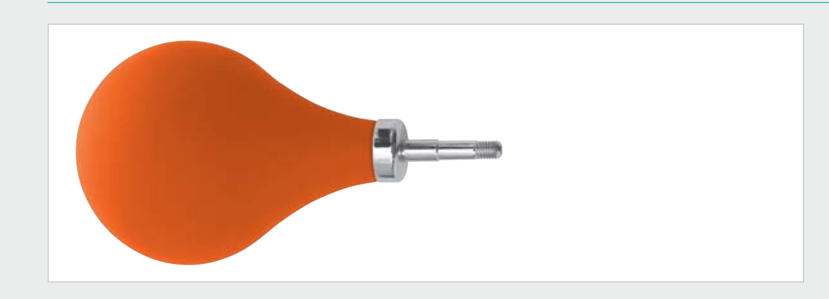


410-800-010
Ventilaufsatz
Valve attachment

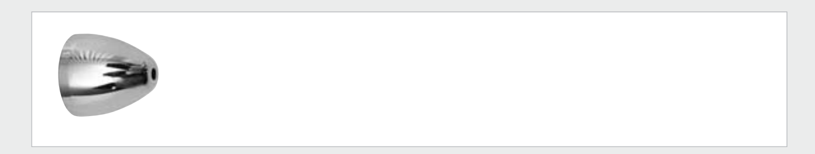


410-810-000
RZ
Spülbehälter, Kunststoff, 145 mm
Aural cleaning tube, plastic, 5 ¾ inch





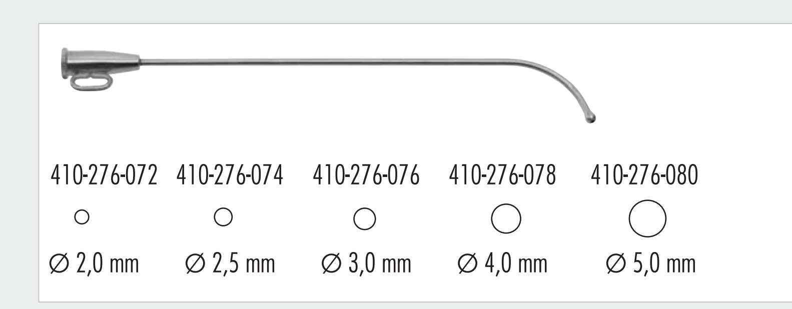
410-200-000
POLITZER
Luftdusche mit Metallkonus
Air douche, with metal cone



410-200-018 ∅ 18 mm
410-200-021 ∅ 21 mm
410-200-023 ∅ 23 mm
Nasenoliven aus Metall
Nasal tips, metal



410-200-010
Adapter für Tubenkatheter-Aufsatz zur Politzer Luftdusche 410-200-000
Metal adapter to connect eustachian catheter to Politzer air douche



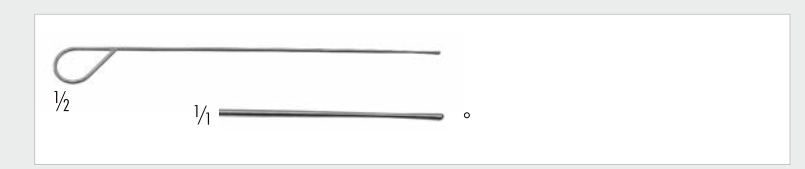
410-276-072 ∅ 2,0 mm
410-276-074 ∅ 2,5 mm
410-276-076 ∅ 3,0 mm
410-276-078 ∅ 4,0 mm
410-276-080 ∅ 5,0 mm
HARTMANN
Tubenkatheter
Eustachian catheter



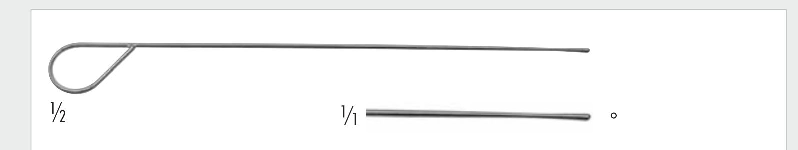
410-205-000
KABIERSKE
Pulverbläser komplett mit 3 Aufsätzen und Gummiball
Atomizer, complete with 3 metal tips and rubber bulb

410-205-100	Gummiball allein Rubber bulb only
410-205-001	Aural Kanüle, gerade, 110 mm Aural cannula, straight tip, 4 inch
410-205-002	Aural Kanüle, gebogen, 130 mm Aural cannula, curved tip, 5 inch
410-205-200	Metallkonus, allein Metal cone, only
410-205-300	Ersatzflasche, 30 ccm Spare bottle, 30 ccm





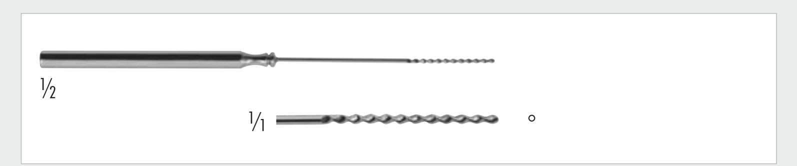
160-131-105
STACKE ∅ 0,8 mm
Ohrsonde, 100 mm
Aural probe, 4 inch



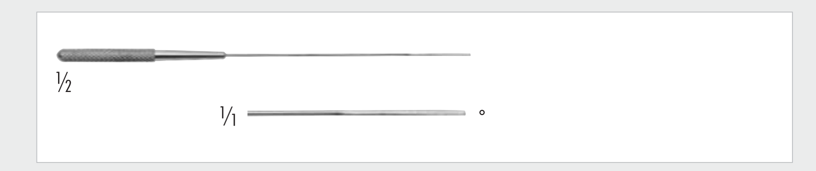
160-131-140
CAWTHORNE
Ohrsonde, mit Ringgriff und abgeflachter Spitze, 140 mm
Probe, ring handled and flattened end, 5 ½ inch



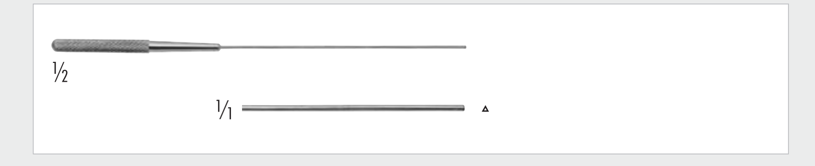
160-132-150
TUMARKIN
Ohrsonde, 150 mm — Bestelleinheit: PA= Packung á 50 Stück
Aural probe, 6 inch — Sales unit: PA= Package of 50 pieces



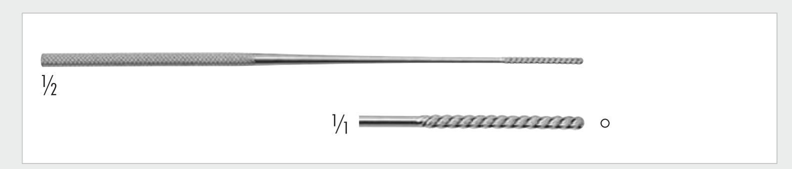
160-410-120
BUCK ∅ 0,9 mm
Ohrwatteträger, Arbeitsende spiralförmig, 120 mm
Cotton Applicator, rough spiral serrated end, 4 ¾ inch



160-420-110
MODELL PICCOLO ∅ 0,7 mm
Ohrwatteträger, Arbeitsende rund gerieft, 110 mm
Cotton applicator, slender, round serrated end, 4 ½ inch

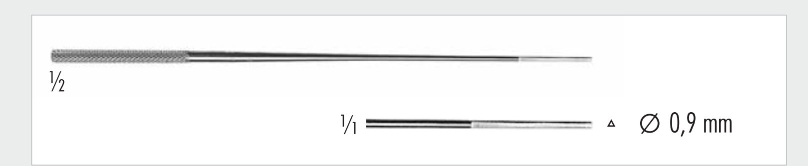


160-421-110
MODELL PICCOLO ∅ 0,7 mm
Ohrwatteträger, Arbeitsende dreikant gerieft, 110 mm
Cotton applicator, slender, triangular serrated end, 4 ½ inch

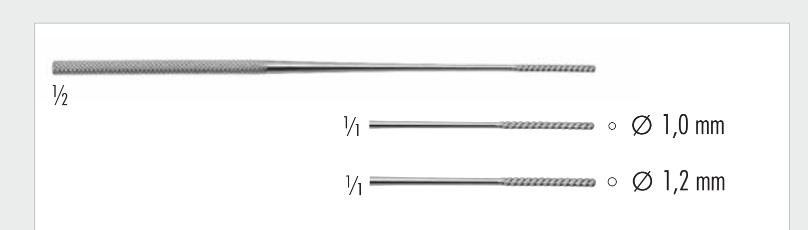


160-422-110 110 mm/4 ½ inch
160-422-140 140 mm/5 ½ inch
FARRELL ∅ 1,2 mm
Ohrwatteträger, Arbeitsende rund gerieft
Cotton applicator, round serrated end

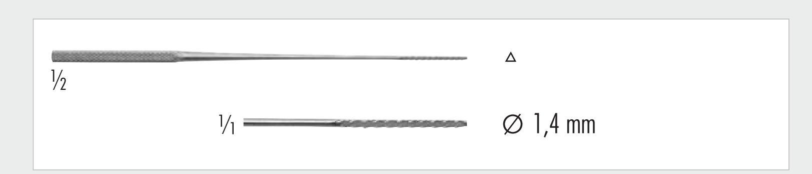




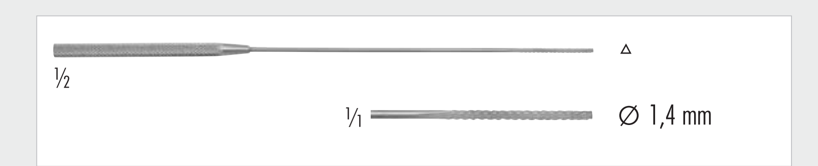
160-426-140 Ø 0,9 mm
Ohrwatteträger, Arbeitsende dreikant gerieft, 140 mm
Cotton applicator, triangular serrated end, 5 ½ inch



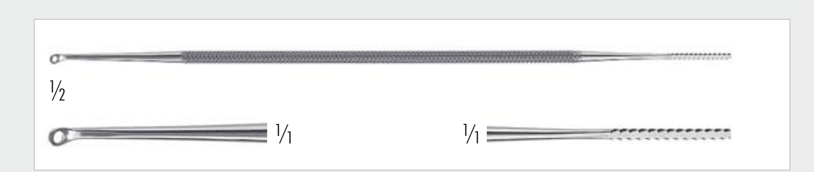
160-010-140 Ø 1,0 mm
160-012-140 Ø 1,2 mm
Ohrwatteträger, Arbeitsende spiralförmig, 140 mm
Cotton applicator, spiral serrated end, 5 ½ inch



160-423-110
LATHBURY-FARRELL Ø 1,4 mm
Ohrwatteträger, Arbeitsende dreikant gerieft, 110 mm
Cotton applicator, triangular serrated end, 4 ½ inch



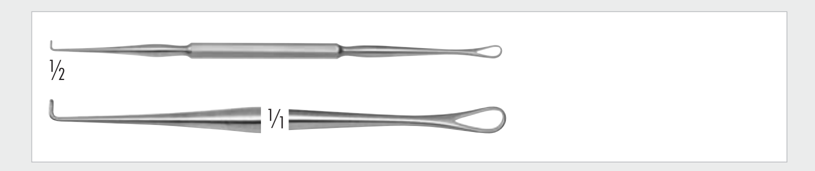
160-423-140
LATHBURY-FARRELL Ø 1,4 mm
Ohrwatteträger, Arbeitsende dreikant gerieft, 140 mm
Cotton applicator, triangular serrated end, 5 ½ inch



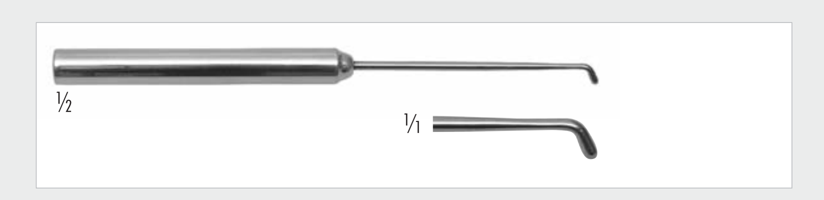
160-255-140 140 mm, 5 ½ inch
160-255-180 180 mm, 7 inch
JOBSON HORNE
Ohrsonde
Aural probe



410-145-175 spitz/pointed
410-146-175 stumpf/blunt
FORMBY
Zerumenlöffel und - Häkchen, 130 mm
Cerumen scoop and hook, 5 ⅛ inch



410-147-175 spitz/pointed
410-148-175 stumpf/blunt
FORMBY
Zerumenschlinge und - häkchen, 120 mm
Cerumen loop and hook, 4 ¾ inch



410-147-145
CAWTHORNE
Zerumenhäkchen, 143 mm
Cerumen hook, 5 ½ inch





410-581-160
ALLPORT
Ohrhäkchen, stumpf, 160 mm
Aural hook, blunt, 6 ¼ inch

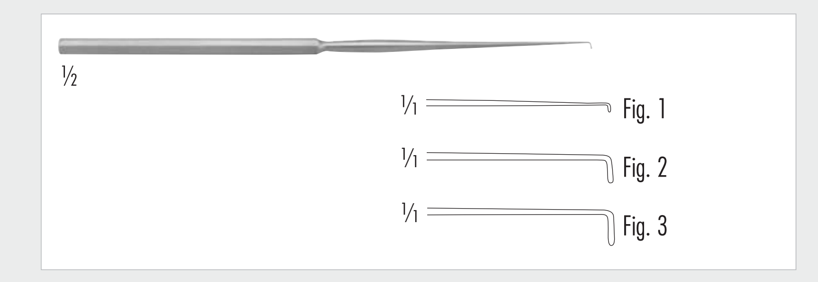
410-583-150
ZAUFAL-JANSEN
Ohrhebel, geknöpft, 150 mm
Aural hook, probe ended, 6 inch

410-584-001

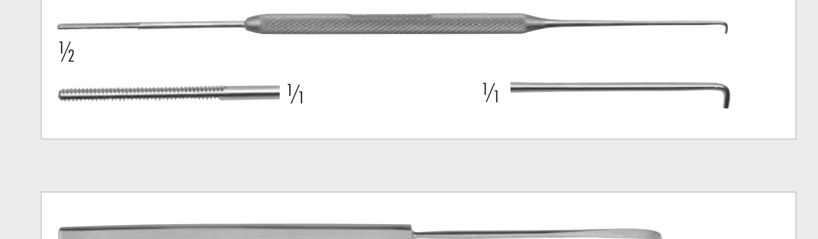
410-584-001 Fig. 1
410-584-002 Fig. 2
DAY
Ohrhäkchen, 160 mm
Aural hook, 6 ½ inch

Fig. 1 Fig. 2 Fig. 3 Fig. 4 Fig. 5 Fig. 6 Fig.7

410-585-001 Fig. 1
410-585-002 Fig. 2
410-585-003 Fig. 3
410-585-004 Fig. 4
410-585-005 Fig. 5
410-585-006 Fig. 6
410-585-007 Fig. 7
WAGENER
Ohrhebel, 140 mm
Aural hook, 5 ½ inch

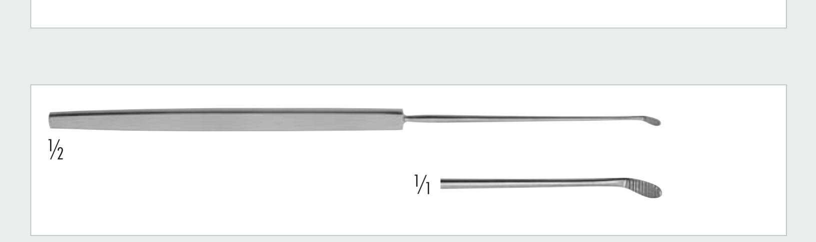


410-586-141 Fig. 1
410-586-142 Fig. 2
410-586-143 Fig. 3
LUCAE
Ohrhebel, geknöpft, 140 mm
Aural hook, probe ended, 5 ½ inch



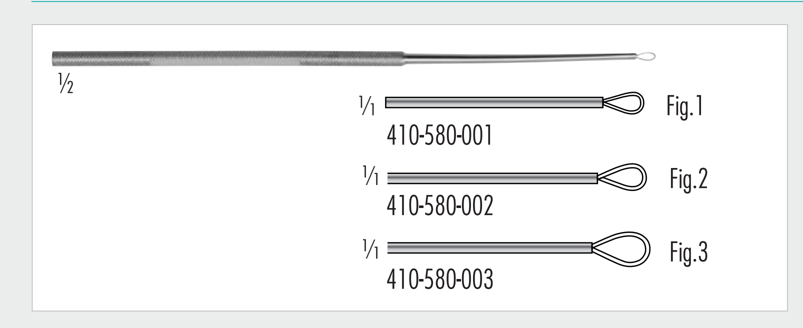
410-584-180
MUSGROVE
Zerumennadel und Watteträger, 180 mm
Cerumen pick and cotton applicator, 7 inch

410-583-160
ZAUFAL
Ohrhebel, stumpf, 160 mm
Aural elevator, blunt, 6 ¼ inch



410-584-160
MOLDENHAUER
Fremdkörperhebel, 160 mm
Foreign body elevator, 6 ¼ inch



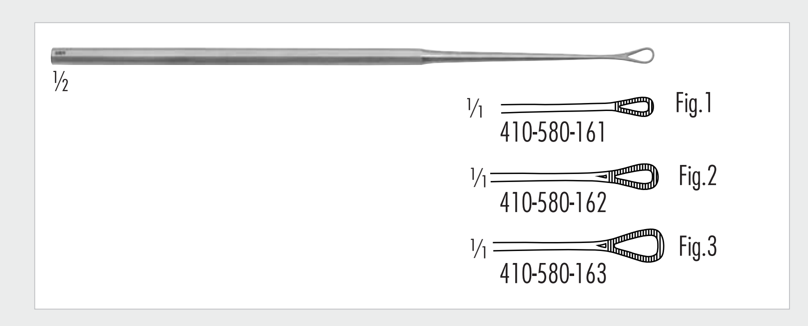


410-580-001 Fig.1
410-580-002 Fig.2
410-580-003 Fig.3

BILLEAU

Ohrschlinge, gerade, 160 mm

Aural loop, straight, 6 ¼ inch

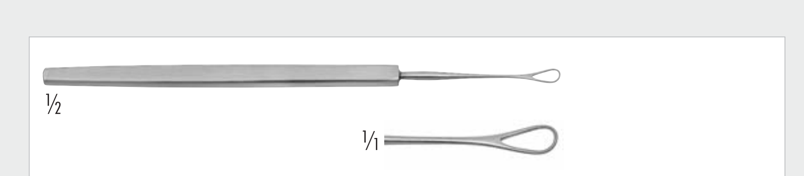


410-580-161 Fig.1
410-580-162 Fig.2
410-580-163 Fig.3

SNELLEN (WEBER-LOCH)

Ohrschlinge, gebogen, gerieft, 160 mm

Aural loop, curved, serrated, 6 ¼ inch



410-580-130

LANGENBECK

Ohrschlinge, stumpf, leicht gebogen, 130 mm

Aural loop, blunt, slightly curved, 5 inch

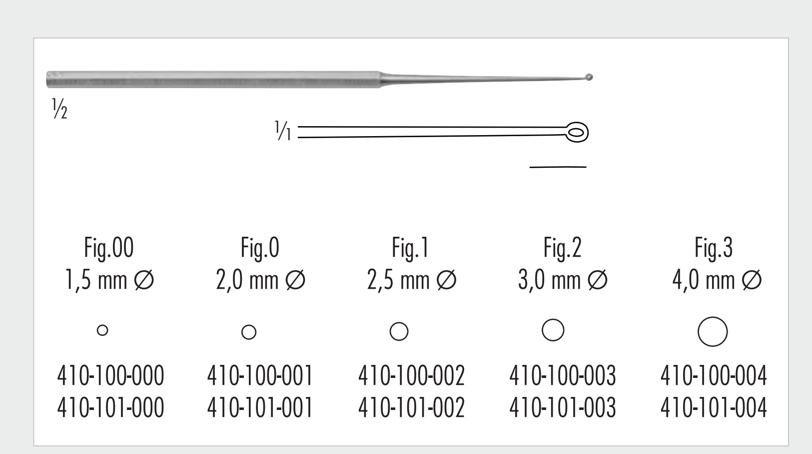


Fig.00	Fig.0	Fig.1	Fig.2	Fig.3
1,5 mm ∅	2,0 mm ∅	2,5 mm ∅	3,0 mm ∅	4,0 mm ∅
410-100-000	410-100-001	410-100-002	410-100-003	410-100-004
410-101-000	410-101-001	410-101-002	410-101-003	410-101-004

stumpf/blunt	scharf/ sharp
410-100-000	410-101-000
410-100-001	410-101-001
410-100-002	410-101-002
410-100-003	410-101-003
410-100-004	410-101-004

BUCK

Ohrkürette, gerade, 150 mm

Aural curette, straight, 6 inch

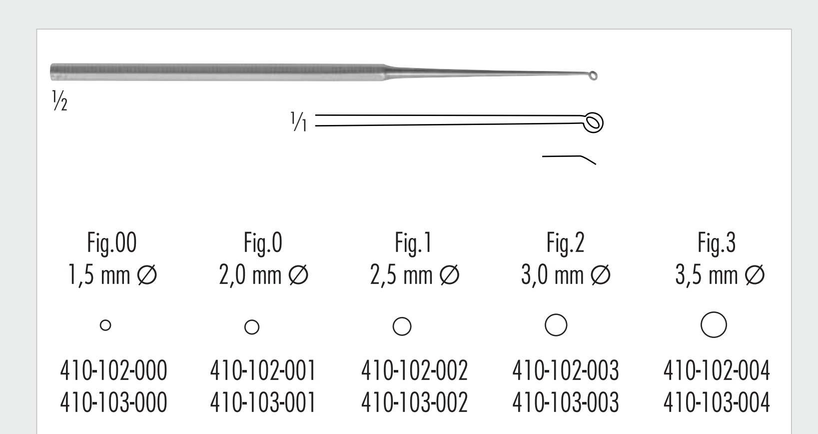


Fig.00	Fig.0	Fig.1	Fig.2	Fig.3
1,5 mm ∅	2,0 mm ∅	2,5 mm ∅	3,0 mm ∅	3,5 mm ∅
410-102-000	410-102-001	410-102-002	410-102-003	410-102-004
410-103-000	410-103-001	410-103-002	410-103-003	410-103-004

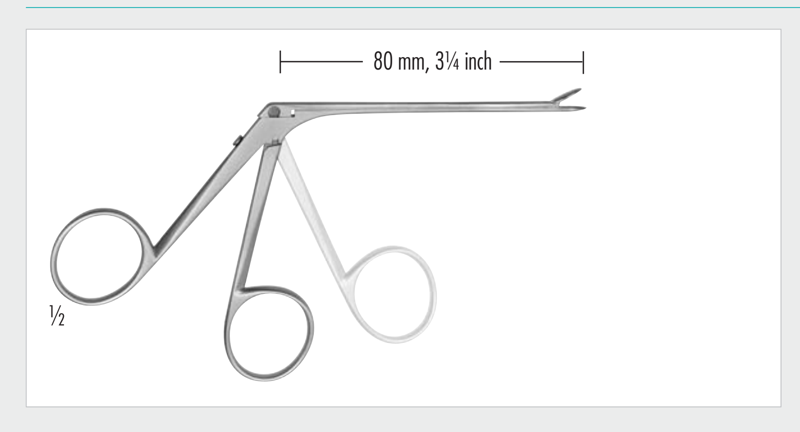
stumpf/blunt	scharf/ sharp
410-102-000	410-103-000
410-102-001	410-103-001
410-102-002	410-103-002
410-102-003	410-103-003
410-102-004	410-103-004

BUCK

Ohrkürette, gebogen, stumpf, 150 mm

Aural curette, curved, blunt, 6 inch

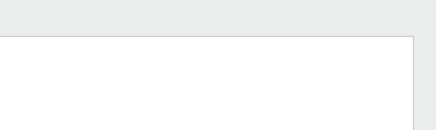




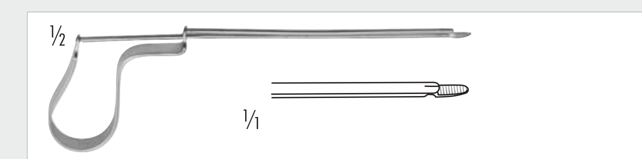
Fremdkörper- Ohrzängchen zur Untersuchung, **Zeigefingerringteil** beweglich, mit Schiebeschaft
Aural foreign body forceps for examination, opening and closing of the jaws by means of **finger ring-handle**, sliding shaft



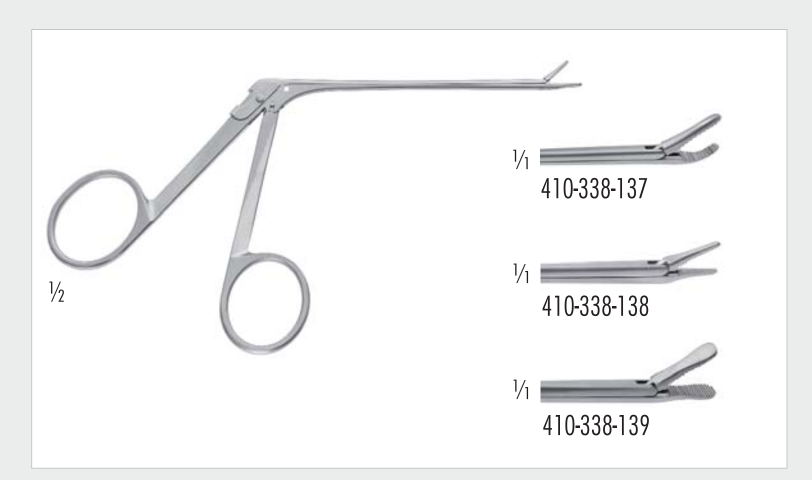
410-210-085 1 x 8 mm, geriefftes Maulteil/serrated jaws
410-215-085 1 x 8 mm, glattes Maulteil/smooth jaws
HARTMANN
Faßzängchen, gerade
Aural forceps, straight



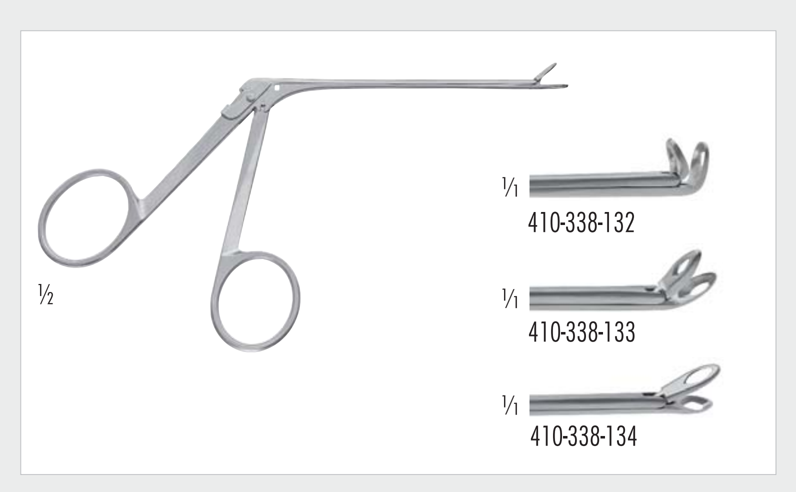
410-211-085 2 x 6 mm
HARTMANN
Faßzängchen, gerade, 1 x 2 Zähne
Aural forceps, straight, 1 x 2 teeth



410-330-090
QUIRE
Fremdkörperinstrument, 90 mm
Aural forceps for removal of foreign bodies, 3 ½ inch

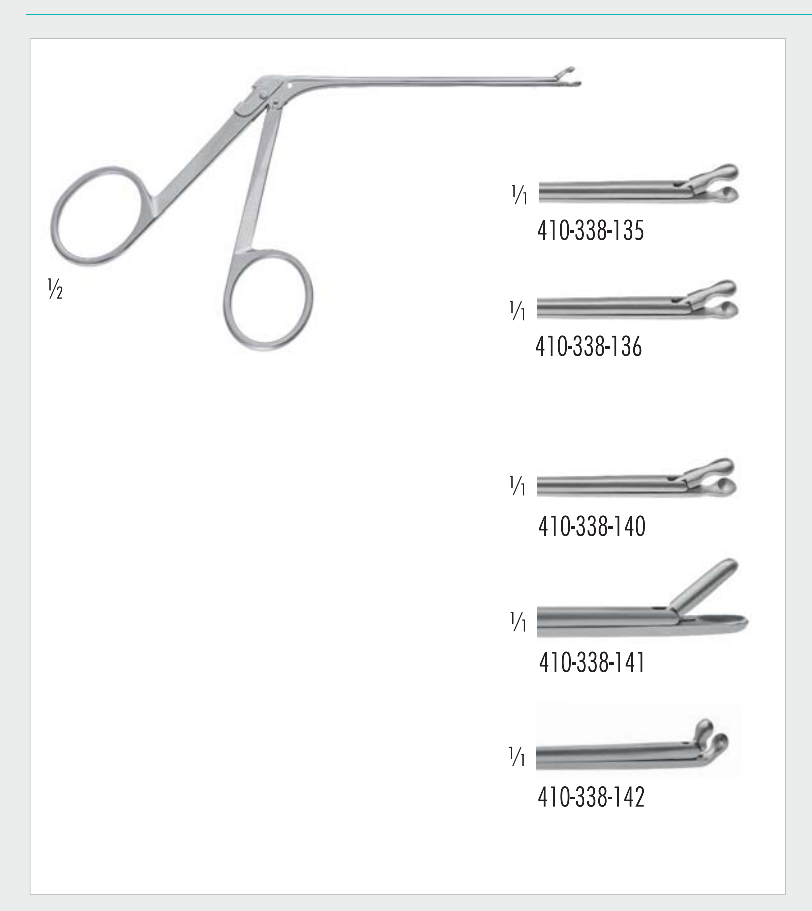


410-338-137 **WEINGARTNER**, 7 mm Maullänge/7 mm jaws links gebogen/left curved
410-338-138 **HOUSE** 8 mm gerieft/8 mm serrated
410-338-137 **DUCKBILL** 8 mm gerieft/8 mm serrated
Ohrzängchen, Arbeitslänge: 87 mm
Ear Forceps, Working length: 3 ⅛ inch



410-338-132 90° aufwärts/90° upwards, 2.5 x 6.0 mm
410-338-133 45° aufwärts/45° upwards, 2.5 x 6.5 mm
410-338-134 gerade/straight, 2.5 x 7.0 mm
STRUEMPEL
Ohrzängchen, Arbeitslänge: 87 mm
Ear Forceps, Working length: 3 ⅛ inch



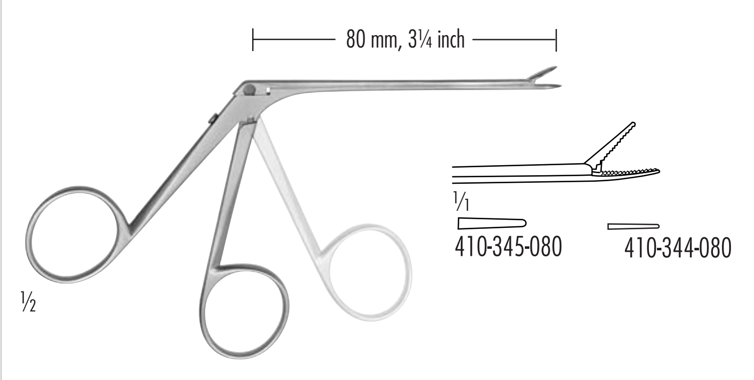
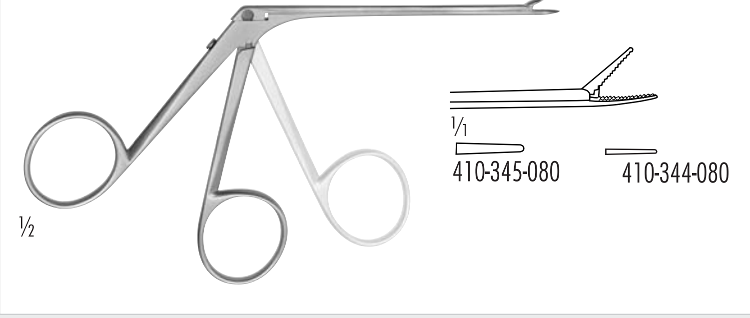


HARTMANN-HERZFELD
Ohrzängchen, Arbeitslänge: 87 mm
Ear Forceps, Working length: 3 1/8 inch

410-338-135 2 mm Löffel/2 mm spoon
410-338-136 2,5 mm Löffel/2.5 mm spoon

410-338-140 3 mm Löffel/3 mm spoon
410-338-141 2x6 mm Löffel/2x6 mm spoon
410-338-142 2 mm Löffel, aufgebogen
2 mm spoon, curved upwards

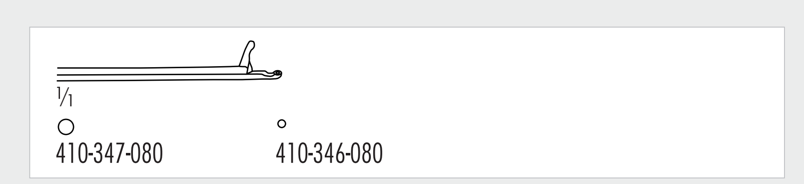
Ohrzängchen, Arbeitslänge: 87 mm
Ear Forceps, Working length: 3 1/8 inch

Fremdkörper- Ohrzängchen zur Untersuchung, feine Ausführung, **Zeigefingerringteil** beweglich, mit Schiebeschaft
Aural foreign body forceps for examination, extra fine pattern, opening and closing of the jaws by means of **finger ring-handle**, sliding shaft

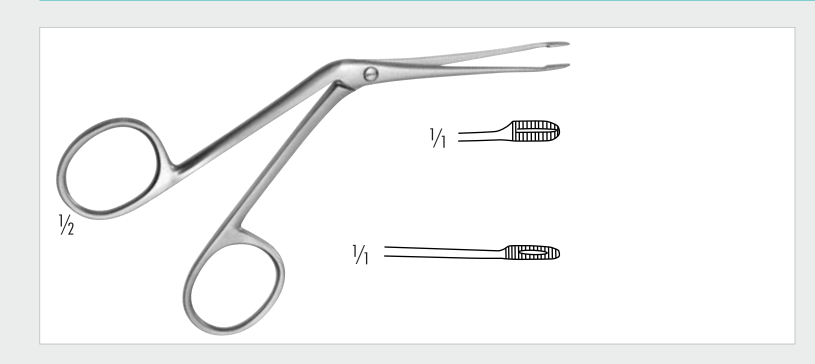
410-345-080 0,8 x 6 mm
HARTMANN-WULLSTEIN
Faßzängchen, gerade
Aural forceps, straight

410-344-080 0,8 x 4 mm
HARTMANN-WULLSTEIN
Faßzängchen, gerade
Aural forceps, serrated jaws, straight



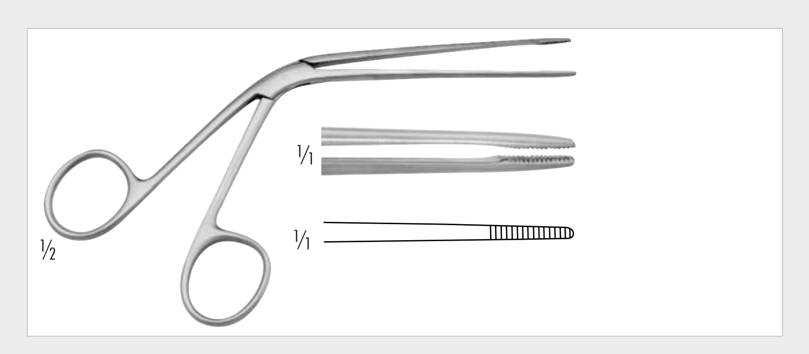
410-346-080 1 mm
410-347-080 2 mm
HARTMANN-WULLSTEIN
Löffelzängchen, gerade, runder Löffel
Aural forceps, cup-shaped, straight, round cup



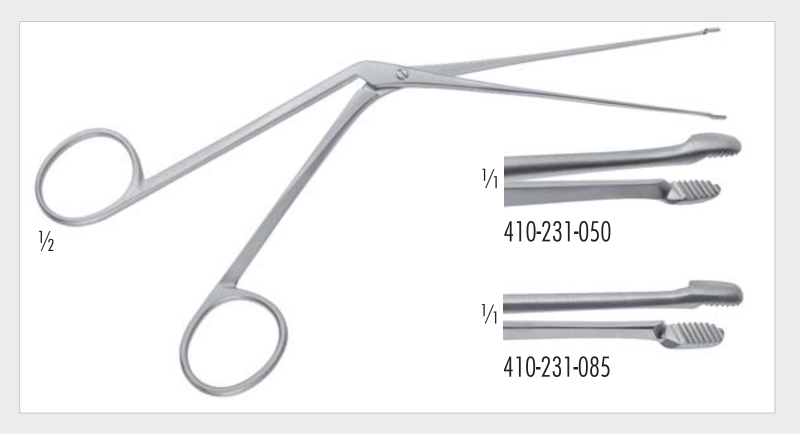


410-230-140
HARTMANN
Ohrtamponzange, kräftiges Modell, 120 mm
Aural tampon forceps, strong pattern, 4 ¾ inch

410-230-120
HARTMANN
Ohrtamponzange, feines Modell, 135 mm
Aural tampon forceps, delicate pattern, 5 inch



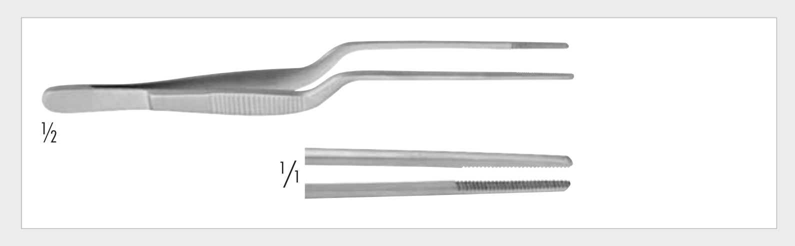
410-231-140
TILLEY
Ohrtamponzange, extra feines Modell, 140 mm
Aural tampon forceps, extra fine pattern, 5 ½ inch



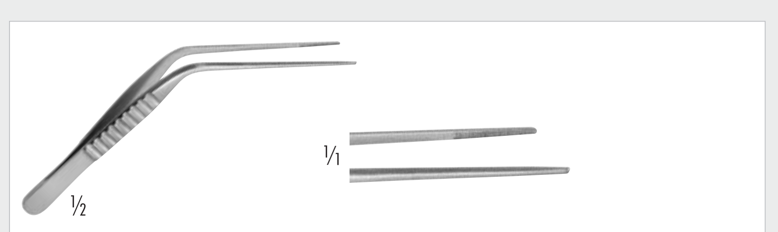
410-231-050
TOBEY
Ohrzängchen, 4mm Maullänge, 50mm Länge von der Schraube bis zur Maulspitze
Ear Forceps, 4mm long jaws, 50mm length from screw till jaw tip

410-231-085
CORGILL
Ohrzängchen, 4mm Maullänge, 85mm Länge von der Schraube bis zur Maulspitze
Ear Forceps, 4mm long jaws, 85mm length from screw till jaw tip

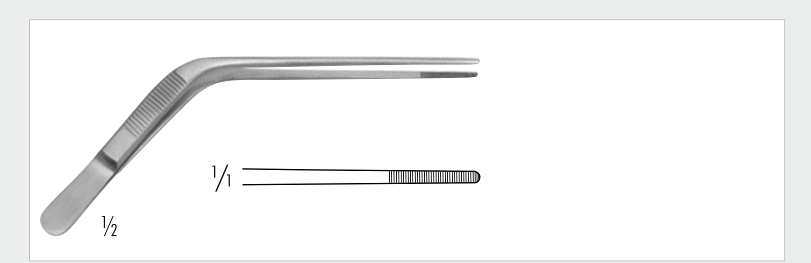




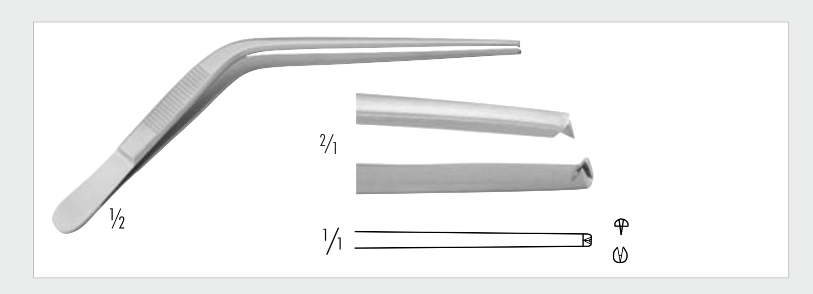
410-391-140
LUCAE
Ohrpinzette, anatomisch, bajonettförmig, 140 mm
Aural dressing forceps, bayonet shaped, 5 ½ inch



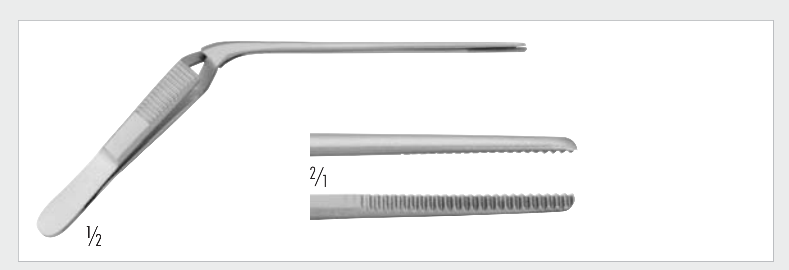
410-375-100
TROELTSCH
Ohrpinzette, fein und klein, gerieft, 45 mm Nutzlänge
Aural dressing forceps, delicate and small, serrated,
45 mm working length



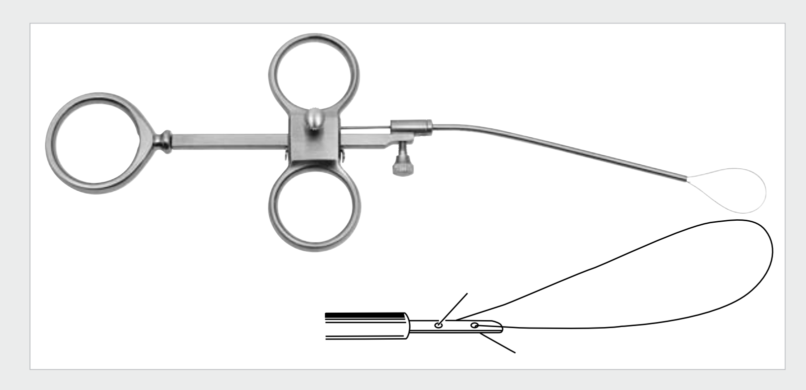
410-375-120
TROELTSCH
Ohrpinzette, anatomisch, kniegebogen, 1,8 mm breit, 115 mm
Aural dressing forceps, angled, tip 1,8 mm, serrated, 4 ½ inch



410-377-120
TROELTSCH
Ohrpinzette, chirurgisch, 1 x 2 Zähne, kniegebogen, 125 mm
Aural tissue forceps, 1 x 2 teeth, knee bent, 5 inch



410-381-130
TROELTSCH
Ohrpinzette, anatomisch, selbst schließend, kniegebogen, 130 mm
Aural dressing forceps, knee bent, cross action, serrated, 4 ⅛ inch

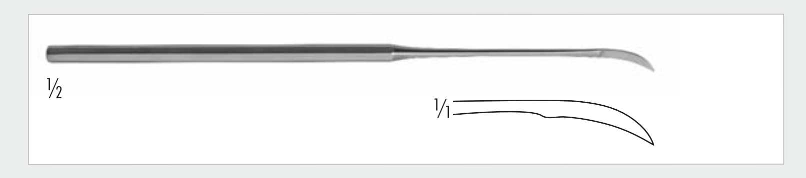


410-410-160
KRAUSE
Ohrpolypenschnürer, 165 mm
Aural snare, 6 ½ inch

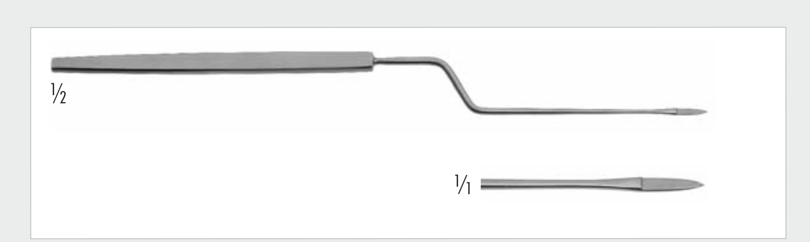


410-411-100 ∅ 0,2 mm
Ohrpolypen-Schlingendraht
Bestelleinheit: PH=Packung á 100 Stück
Aural snare wire
Sales unit: PH=Package of 100 pieces

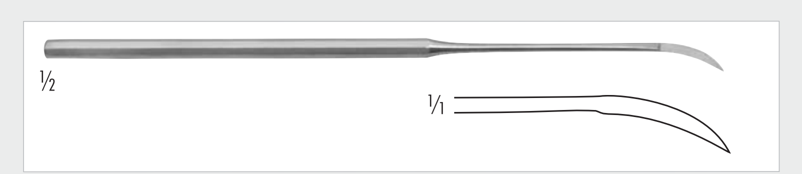




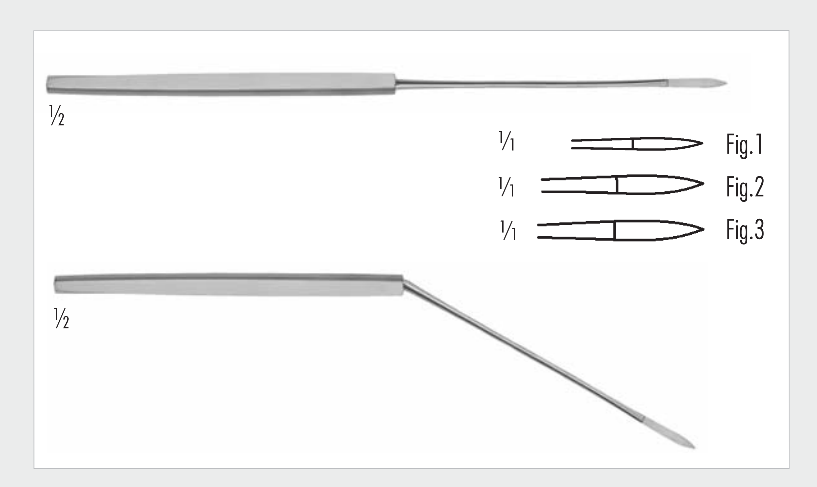
410-350-150
POLITZER
Ohr-Furunkelmesser, 160 mm
Aural Sickle knife, 6 ¼ inch



410-352-170
SEXTON
Ohr-Furunkelmesser, bajonettförmig,170 mm
Aural Sickle knife, bayonet-shaped, 6 ¾ inch

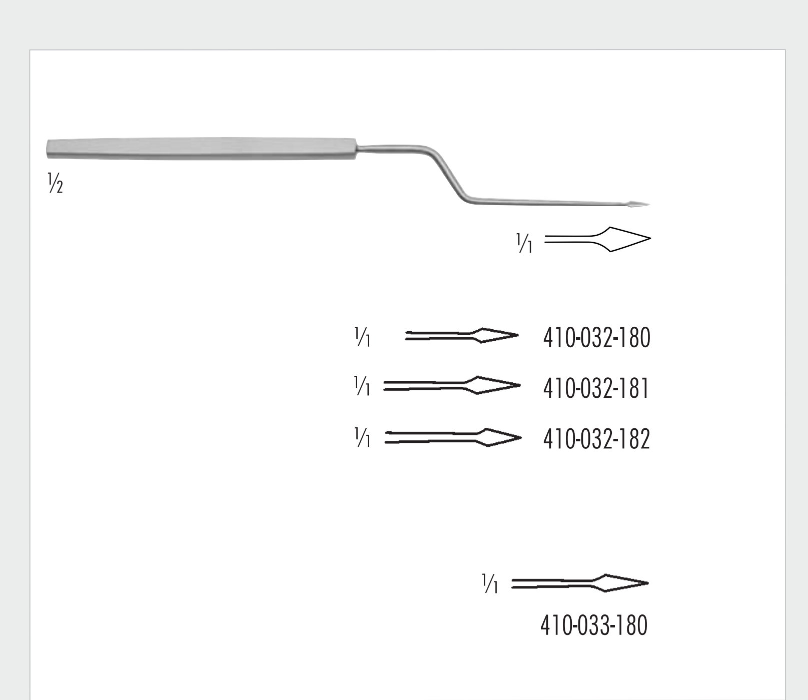


410-353-180
SEXTON
Ohr-Furunkelmesser, 180 mm
Aural Sickle knife, 7 ⅛ inch



410-354-180 Fig.1 gerade/straight
410-355-180 Fig.2 gerade/straight
410-356-180 Fig.3 gerade/straight

410-357-180 Fig.1 kniegebogen/knee bent
410-358-180 Fig.2 kniegebogen/knee bent
410-359-180 Fig.3 kniegebogen/knee bent
SEXTON
Trommelfellmesser, 180 mm
Ear drum knife, 7 inch



410-031-180
LUCAE
Paracentese-Nadel, bajonettförmig, für Kinder, 160 mm
Tympanum perforator, bayonet-shaped, for children, 6 ¼ inch

410-032-180 Spitze/tip 1,5mm
410-032-181 Spitze/tip 1,8mm
410-032-182 Spitze/tip 2,0mm
LUCAE
Paracentese-Nadel, bajonettförmig, für Erwachsene, senkrecht, 190 mm
Tympanum perforator, bayonet-shaped, for adults, vertical, 7 ½ inch

410-033-180
LUCAE
Paracentese-Nadel, bajonettförmig, für Erwachsene, waagrecht, 180 mm
Tympanum perforator, bayonet-shaped, for adults, horizontal, 7 inch

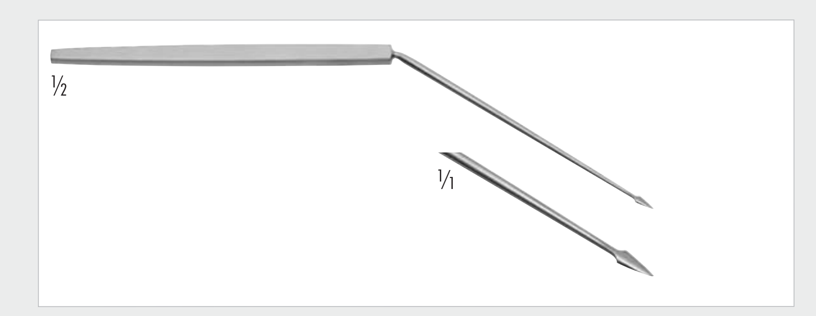




410-030-160
Politzer
Paracentese-Nadel, gerade, 180 mm
Tympanum perforator, straight, 7 inch

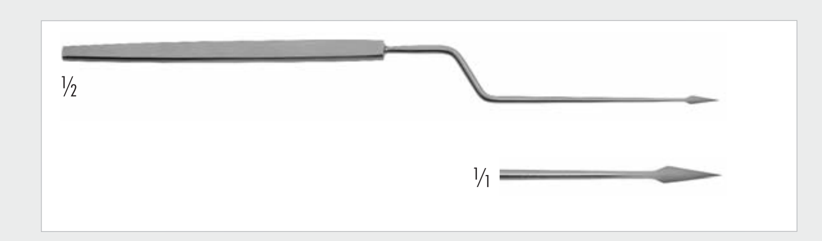


410-031-140
Jacobson
Ohrhäkchen, 140mm
Ear hook, 5 ½ inch



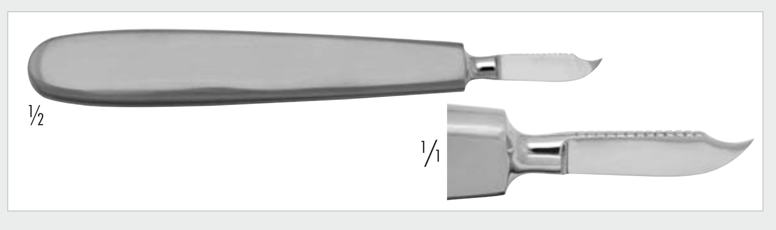
410-032-160
POLITZER
Paracentese-Nadel, kniegebogen, senkrecht, 160 mm
Tympanum perforator, knee bent, vertical, 6 ¼ inch

410-033-160
POLITZER
Paracentese-Nadel, waagrecht, kniegebogen, 160 mm
Tympanum perforator, knee bent, horizontal, 6 ¼ inch



410-032-175
AGNEW (POLITZER)
Paracentesis Nadel, bajonettförmig,180 mm
Paracentesis needle, angled, 7 inch



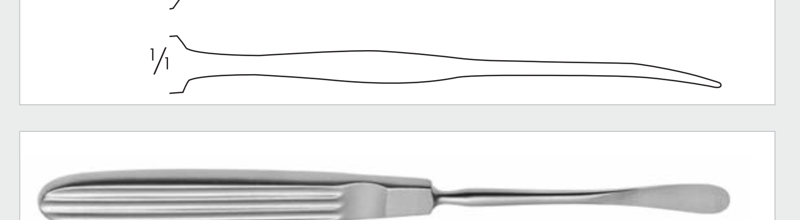


210-394-150
MUCK
Periostmesser, 150 mm
Periosteal knife, 6 inch



210-395-130
POLITZER
Mastoidmesser, 130 mm
Mastoid knife, 5 ⅛ inch

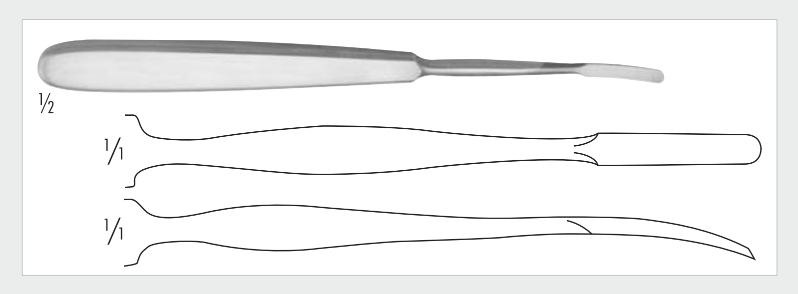
210-395-175
SEBILEAU
Elevatorium, 5 mm breit, 175 mm
Elevator, 5 mm wide, 7 inch



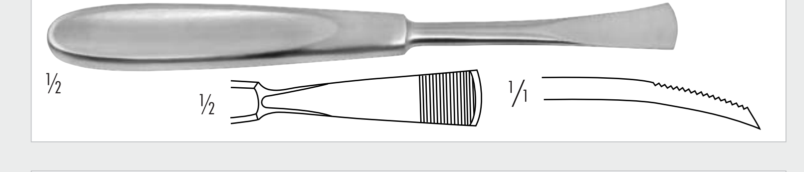
431-630-007	7mm	431-630-006	6mm
431-630-009	9mm	431-630-011	11mm

OBWEGESER
Raspatorium, 9 mm breit, 175 mm
Periosteal Elevator, 9 mm wide, 7 inch

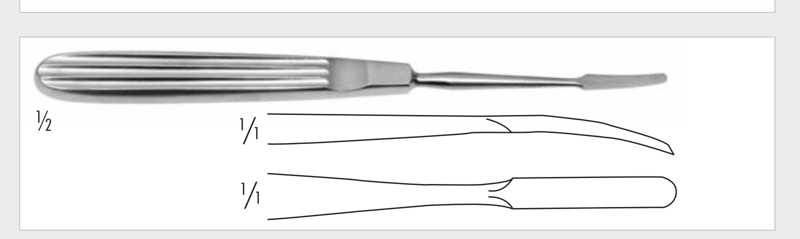
210-396-160
JOSEPH
Raspatorium, leicht gebogen, 160 mm
Periosteal Elevator, slightly curved, 6 ¼ inch



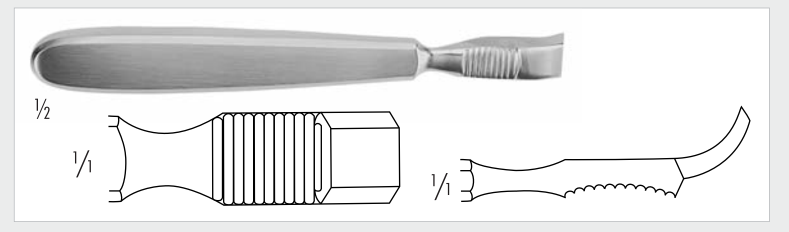
210-303-165
JANSEN
Raspatorium, gebogen, 15 mm breit, 165 mm
Periosteal Elevator, curved, 15 mm wide, 6 ½ inch



210-397-185
LEMPERT
Raspatorium, halbscharf, 185 mm
Periosteal Elevator, semi sharp, 7 ¼ inch



420-530-165 2mm
420-531-165 3mm
420-532-165 4mm
JOSEPH
Septum Raspatorium, leicht gebogen, 160 mm
Septum Raspatory, slightly curved, 6 ¼ inch



210-311-150
FARABEUF
Raspatorium, gebogen, 140 mm
Periosteal Elevator, curved cutting edge, 5 ½ inch



½ 1/1

210-109-002 3 mm
210-109-004 4 mm
210-109-005 5 mm
210-109-006 6 mm
210-109-007 7 mm
PARTSCH
Hohlmeissel, gerade, 140 mm
Gouge, straight, 5 ½ inch

½ 1/1

210-303-135 3 mm
210-304-135 4 mm
210-305-135 5 mm
210-306-135 6 mm
210-307-135 7 mm
PARTSCH
Flachmeissel, gerade, 140 mm
Chisel, straight, 5 ½ inch

½ 1/1

210-160-004 4 mm
210-160-006 6 mm
BRUENINGS
Hohlmeissel, 160 mm
Gouge, 6 ¼ inch

½ 1/1

210-160-104 4 mm
210-160-106 6 mm
BRUENINGS
Flachmeissel, gerade, 160 mm
Chisel, straight, 6 ¼ inch

½ 1/1

210-103-160 3 mm
210-105-160 5 mm
LUCAS
Hohlmeissel, gerade, 160 mm
Gouge, straight, 6 ¼ inch

½ 1/1

210-204-160 4 mm
210-206-160 6 mm
LUCAS
Flachmeissel, gerade, 160 mm
Chisel, straight, 6 ¼ inch

½ 1/1

210-100-162 2 mm
210-100-163 3 mm
210-100-164 4 mm
THIES
Hohlmeissel, gerade, 160 mm
Gouge, straight, 6 ¼ inch

½

210-102-162 2 mm
210-102-163 3 mm
210-102-164 4 mm
THIES
Flachmeissel, gerade, 160 mm
Chisel, straight, 6 ¼ inch

½

□ 210-325-120
□ 210-335-120

210-325-120 2,5 mm
210-335-120 3,5 mm
PASSOW
Blutstillungsmeissel, 120 mm
Hemostatic chisel, 4 ¾ inch





210-244-220 130 g
HAJEK
Hammer, 220 mm
Mallet, 8 ¾ inch



210-224-180 155 g
PARTSCH
Hammer, Kopf mit Bleifüllung, 190 mm
Mallet, lead filled head, 7 ½ inch

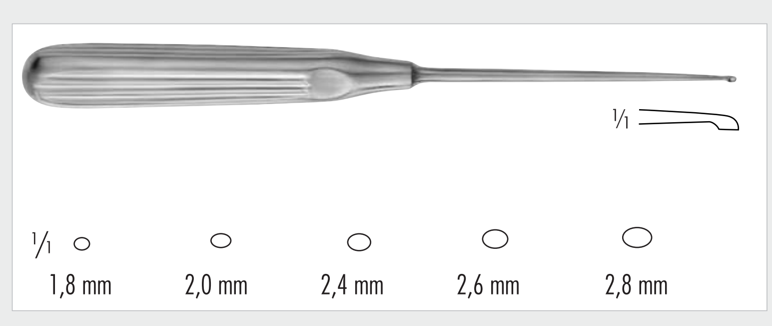


210-240-180 235 g
COTTLE
Hammer, 1 Seite flach, 1 Seite convex, 185 mm
Mallet, 1 side plain, 1 side convex, 7 ¼ inch

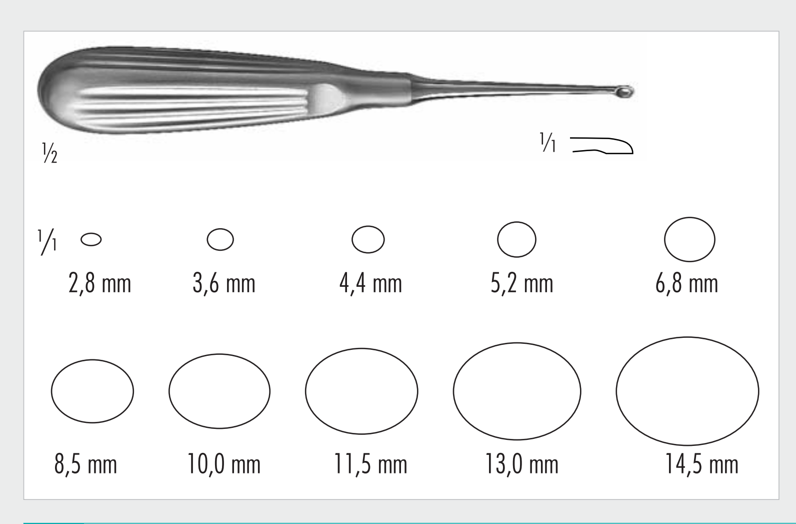


210-264-140 135 g
Hammer, mit auswechselbaren Kunststoffbacken, 185 mm
Mallet, head with interchangeable plastic discs, 7 ¼ inch

210-265-000
Ersatzbackenpaar für Hammer 210-264-140
Pair of interchangeable discs for mallet 210-264-140

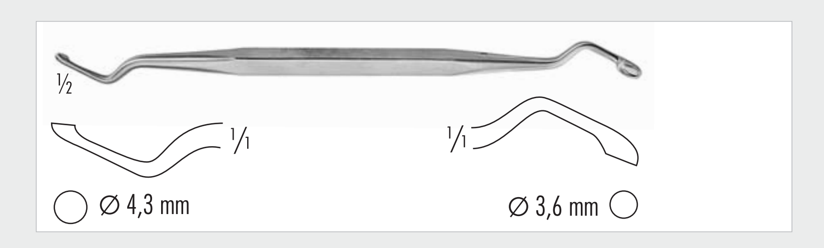


210-348-001 1,8 mm
210-348-300 2,0 mm
210-348-200 2,4 mm
210-348-000 2,6 mm
210-348-010 2,8 mm
LEMPERT
Scharfer Löffel, 215 mm
Endaural curette, 8 1/5 inch

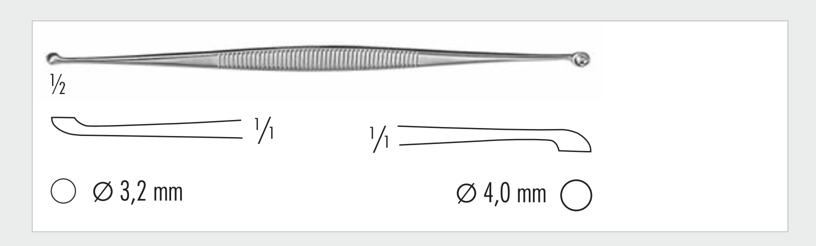


210-304-400 2,8 mm
210-304-300 3,6 mm
210-304-200 4,4 mm
210-304-100 5,2 mm
210-304-010 6,8 mm
210-304-020 8,5 mm
210-304-030 10,0 mm
210-304-040 11,5 mm
210-304-050 13,0 mm
210-304-060 14,5 mm
VOLKMANN
Scharfer Löffel, 170 mm
Endaural curette, 6 ¾ inch

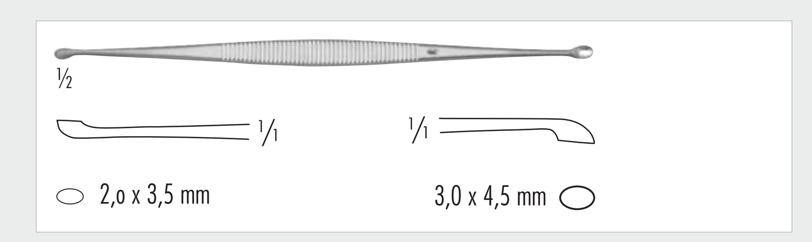




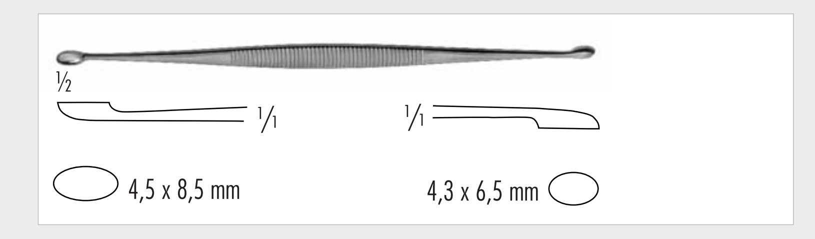
210-216-150
JANSEN
Scharfer Doppellöffel, runde Löffel, 160 mm
Aural curette, sharp, double-ended, round cups, 6 ¼ inch



210-218-012
MARTINI
Scharfer Doppellöffel, runde Löffel, 140 mm
Aural curette, sharp, double-ended, round cups, 5 ½ inch



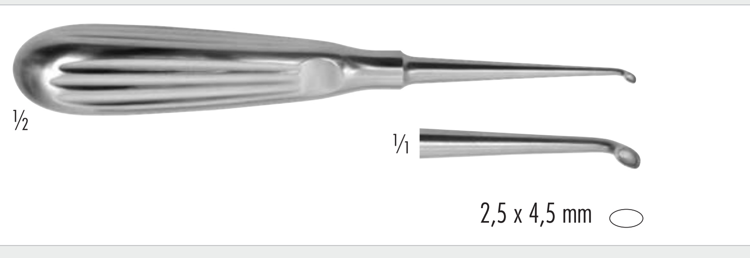
210-216-001
WILLIGER
Scharfer Doppellöffel, ovale Löffel, 145 mm
Aural curette, sharp, double-ended, oval cups, 5 ¾ inch



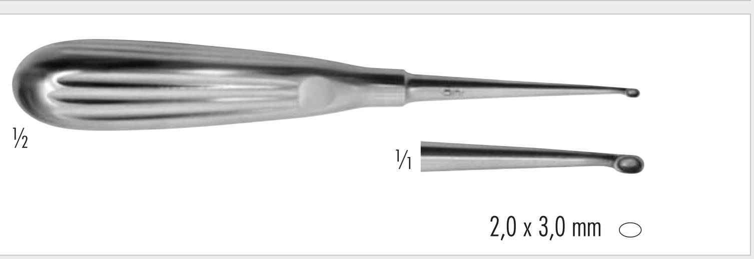
210-213-140
JACOBSON
Scharfer Doppellöffel, ovale Löffel, 140 mm
Aural curette, sharp, double-ended, oval cups, 5 ½ inch



410-216-180
MILLER
Doppel-Kürette, 180 mm
Aural curette, double-ended, 7 inch

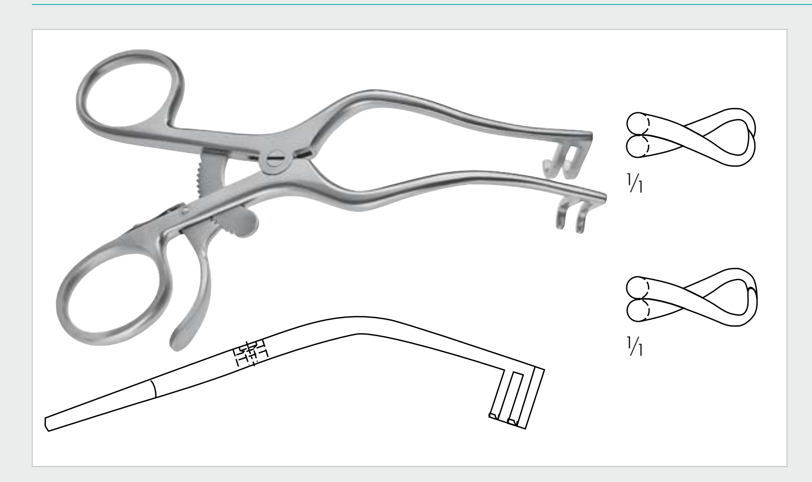


210-305-400 Fig. 0000
VOLKMANN
Mikro Ohrlöffel, abgewinkelt, ovaler Löffel
Micro aural curette, angled, oval cup



210-304-500 Fig. 00000
VOLKMANN
Mikro Ohrlöffel, gerade, oval Löffel
Micro aural curette, straight, ovaler cup





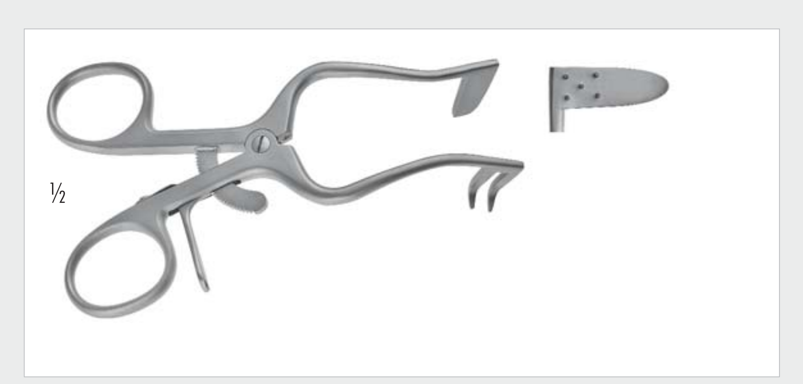
170-763-130
PLESTER
Wundspreizer, 2 x 2 Zähne, scharf, 130 mm
Retractor, self-retaining, 2 x 2 prongs, sharp, 5 1/8 inch

170-762-130
PLESTER
Wundspreizer, 2 x 2 Zähne, stumpf, 130 mm
Retractor, self-retaining, 2 x 2 prongs, blunt, 5 1/8 inch



170-760-110
PLESTER
Wundspreizer, stumpf, rechts volles Blatt, 110 mm
Retractor, self-retaining, blunt, solid blade on right, 4 3/8 inch

170-761-110
PLESTER
Wundspreizer, stumpf, links volles Blatt, 110 mm
Retractor, self-retaining, blunt, solid blade on left, 4 3/8 inch



170-754-110 volles Blatt links mit scharfen Zähnen, 2 Zähne rechts
full blade left side with sharp teeth, 2 prongs right

170-755-110 volles Blatt rechts mit scharfen Zähnen, 2 Zähne links
full blade right side with sharp teeth, 2 prongs left

PERKINS
Wundsperrrer, 110mm
Retractor, 4 1/3 inch



170-766-130 rechts/right
170-766-130 links/left
PERKINS
Wundsperrrer,1x3 Zähne, spitz, 130mm
Retractor, 1x3 teeth, sharp serration, 5"



170-757-110 links gerieftes Blatt, 2 Zähne rechts
left serrated blade, 2 teeth right

170-758-110 rechts gerieftes Blatt, 2 Zähne links
right serrated blade, 2 teeth left

WIEGAND
Wundsperrrer, 110mm
Retractor, 4 1/3 inch





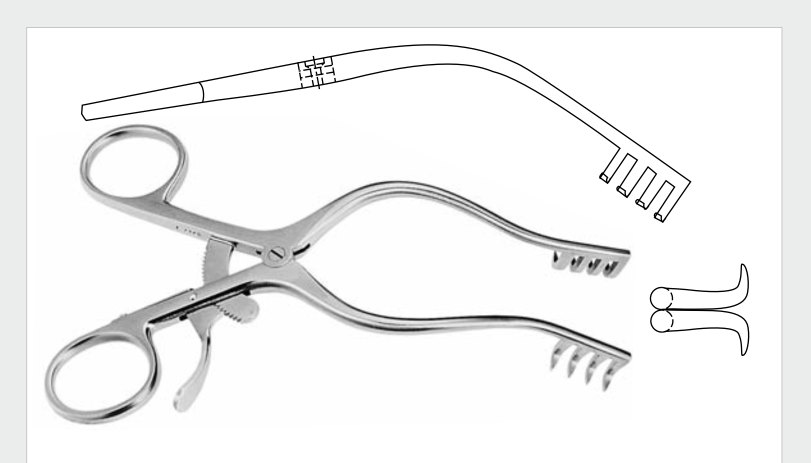
170-735-110	linkes Blatt scharf, 3 Zähne rechts, 110mm left blade sharp, 3 teeth right, $4^{1/3}$ inch
170-735-130	linkes Blatt scharf, 3 Zähne rechts, 130mm left blade sharp, 3 teeth right , $5^{1/8}$ inch
170-736-110	rechtes Blatt scharf, 3 Zähne links, 110mm right blade sharp, 3 teeth left, $4^{1/3}$ inch
170-736-130	rechtes Blatt scharf, 3 Zähne links, 130mm right blade sharp, 3 teeth left, $5^{1/8}$ inch

WIEGAND
Wundsperrrer
Retractor



170-752-130
WULLSTEIN
Wundspreizer, 3 x 3 Zähne, scharf, 130 mm
Retractor, self-retaining, 3 x 3 prongs, sharp, 5 ⅛ inch

170-753-130
WULLSTEIN
Wundspreizer, 3 x 3 Zähne, stumpf, 130 mm
Retractor, self-retaining, 3 x 3 prongs, blunt, 5 ⅛ inch



170-754-155
MOLLISON
Wundspreizer, 4 x 4 Zähne, scharf, 155 mm
Retractor, self-retaining, 4 x 4 prongs, sharp, 6 inch



170-780-170
RZ
Gelenkwundsperrer 3 x 3 Zähne, 170 mm
Retractor, self-retaining, articulating joints, 3 x 3 prongs, 6 ½ inch





170-780-165 linkes Blatt voll, rechts 3 Zähne
left blade full, right side 3 prongs

170-781-165 rechtes Blatt voll, links 3 Zähne
right blade full, left side 3 prongs

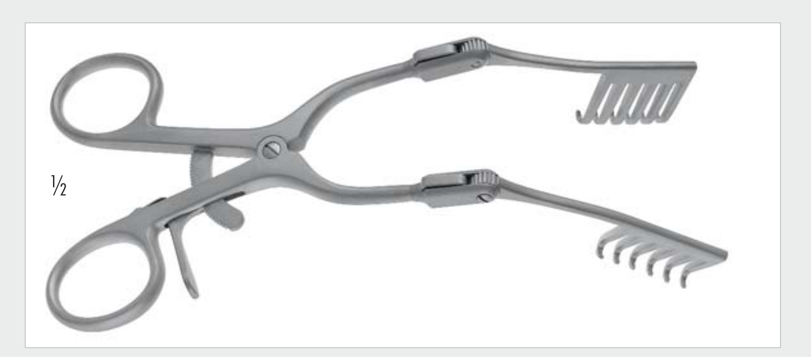
RZ
Wundsperrrer mit Gelenk, 165mm
Retractor with hinge, $6^{1/2}$ inch



170-783-165 links volles Blatt, rechts 3 Zähne
left side full blade, right 3 prongs

170-784-165 rechts volles Blatt, links 3 Zähne
right side full blade, left 3 prongs

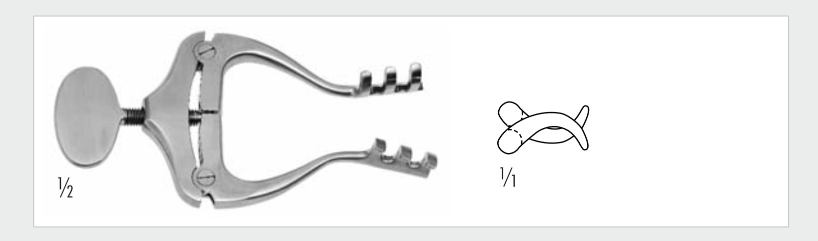
HOUSE
Wundsperrrer mit Gelenk, 165mm
Retractor with hinge, $6^{1/2}$ inch



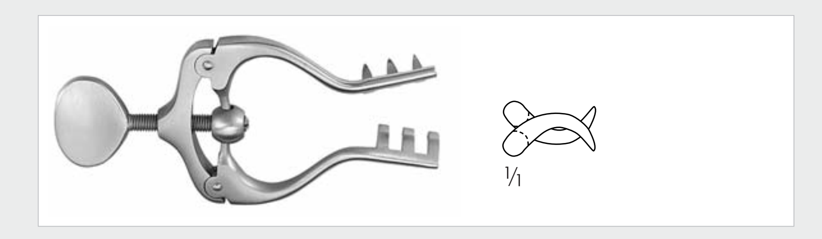
170-785-165 6x6 halbscharfe Zähne
6 x 6 semi-sharp teeth

HOUSE
Wundsperrrer mit Gelenk, 165mm
Retractor with hinge, $6^{1/2}$ inch

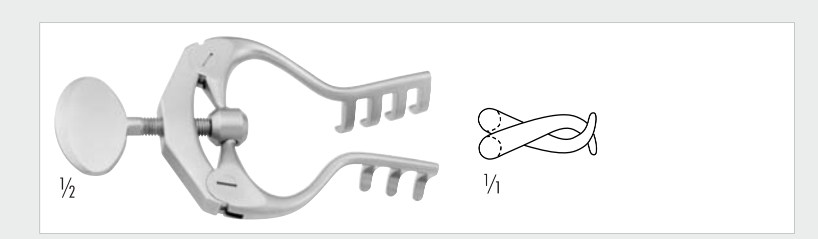




170-723-100
JANSEN
Wundsperrer, stumpf, 3 x 3 Zähne, 100 mm
Mastoid retractor, blunt, 3 x 3 prongs, 4 inch



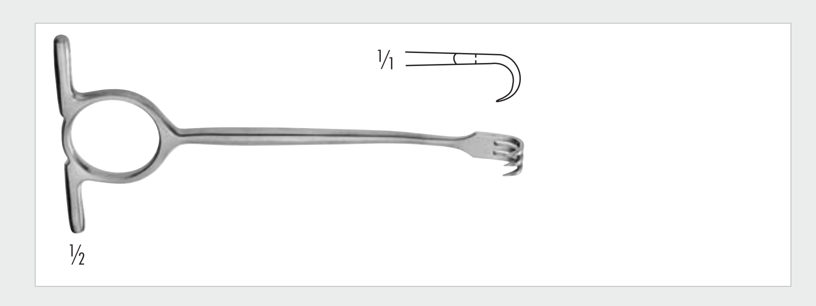
170-720-100
JANSEN
Wundsperrer, scharf, 3 x 3 Zähne, 100 mm
Mastoid retractor, sharp 3 x 3 prongs, 4 inch



170-723-105
JANSEN
Wundsperrer, stumpf, 3 x 4 Zähne, 100 mm
Mastoid retractor, blunt 3 x 4 prongs, 4 inch

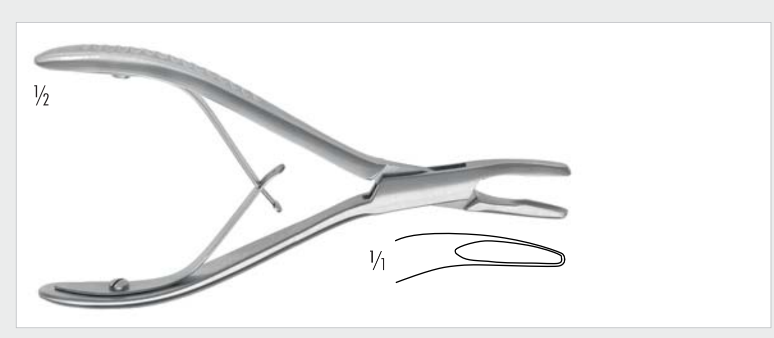


170-719-095
ALLPORT
Wundsperrer, scharf, 4 x 4 Zähne, 95 mm
Mastoid retractor, sharp 4 x 4 prongs, 3 ¾ inch

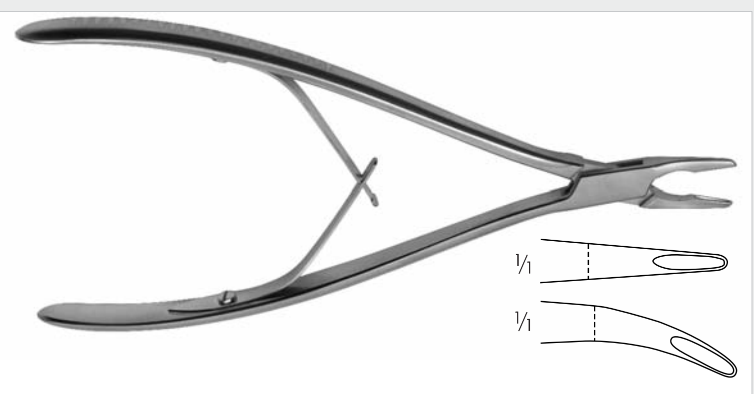


170-234-120 gerade / straight
170-235-120 links gebogen / left curved
170-236-120 rechts gebogen / right curved
WILLIGER
Wundhaken, scharf, 120 mm
Wound retractor, sharp, 4 ¾ inch



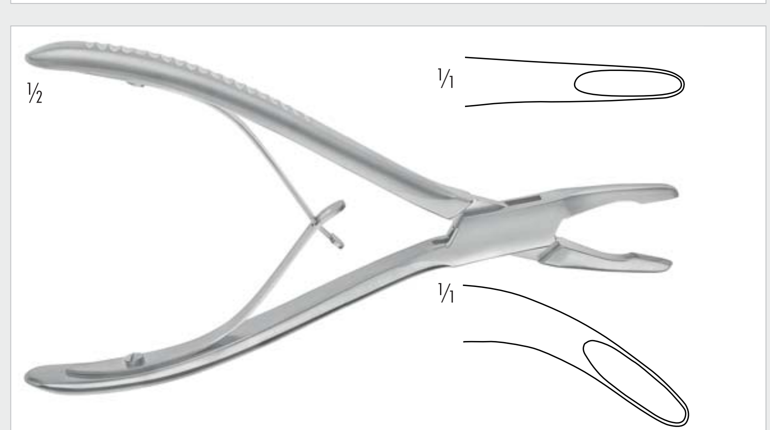


210-640-140
LUER-FRIEDMANN
Hohlmeisselzange, leicht gebogen, 145 mm
Bone Rongeur, slightly curved, 5 ¾ inch



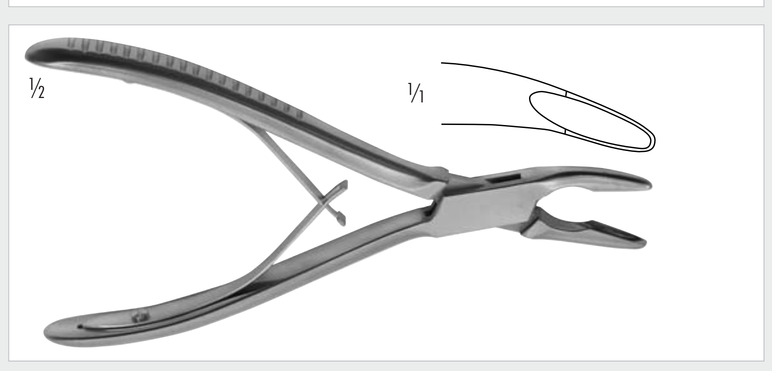
210-832-185
LEMPERT
Hohlmeisselzange, gerade, 200 mm
Bone Rongeur, straight, 8 inch

210-833-185
LEMPERT
Hohlmeisselzange, gebogen, 200 mm
Bone Rongeur, curved, 8 inch

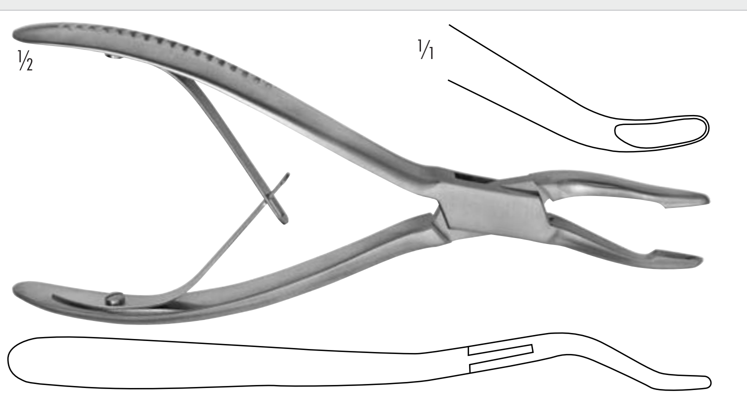


210-826-180
JANSEN
Hohlmeisselzange, gerade, 175 mm
Bone Rongeur, straight, 7 inch

210-829-180
JANSEN
Hohlmeisselzange, gebogen, 175 mm
Bone Rongeur, curved, 7 inch

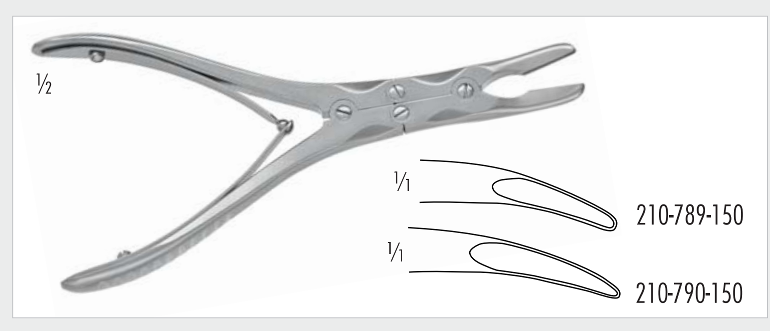


210-815-165
MEAD (BANE)
Hohlmeisselzange, gebogen, 165 mm
Bone Rongeur, curved, 6 ½ inch



210-829-170
JANSEN
Hohlmeisselzange, s-förmig gebogen, 190 mm
Bone Rongeur, s-shaped, 7 ½ inch





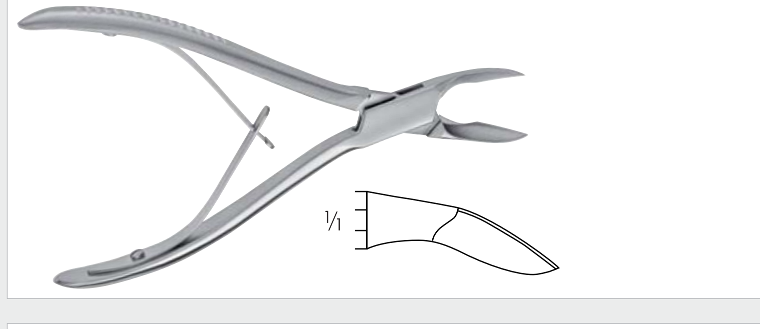
210-789-150
BOEHLER
Hohlmeisselzange, gebogen, übersetzt, 3 mm Maul, 155 mm
Bone Rongeur, curved, double action, 3 mm jaw, 6 inch

210-790-150
BOEHLER
Hohlmeisselzange, gebogen, übersetzt, 155 mm
Bone Rongeur, curved, double action, 6 inch

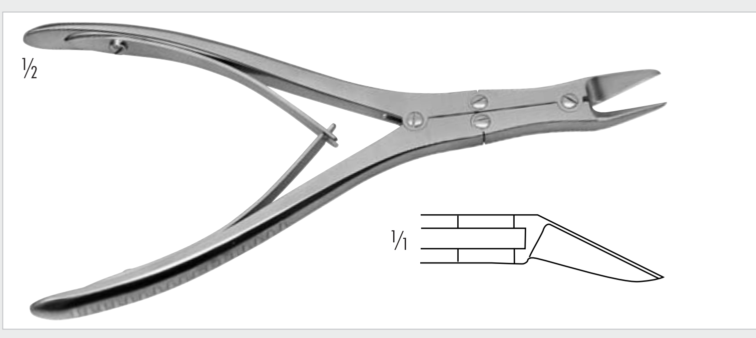
210-790-180
BEYER
Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch

210-791-180
ZAUFAL-JANSEN
Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch

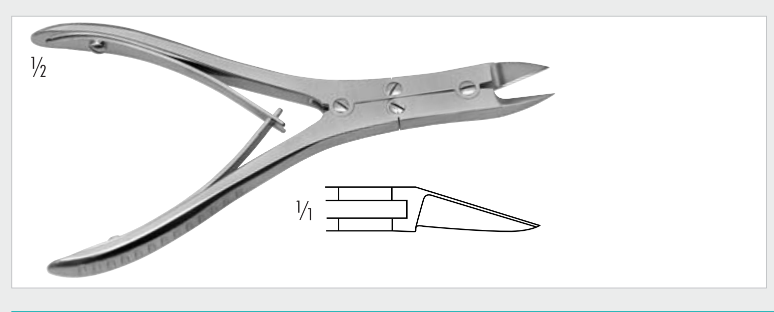
210-846-150
STAMM
Knochensplitterzange, 150 mm
Bone cutting forceps, 6 inch



210-845-170
Knochenschneidezange, aufgebogen, 170 mm
Bone cutting forceps, curved on flat, 6 ¾ inch

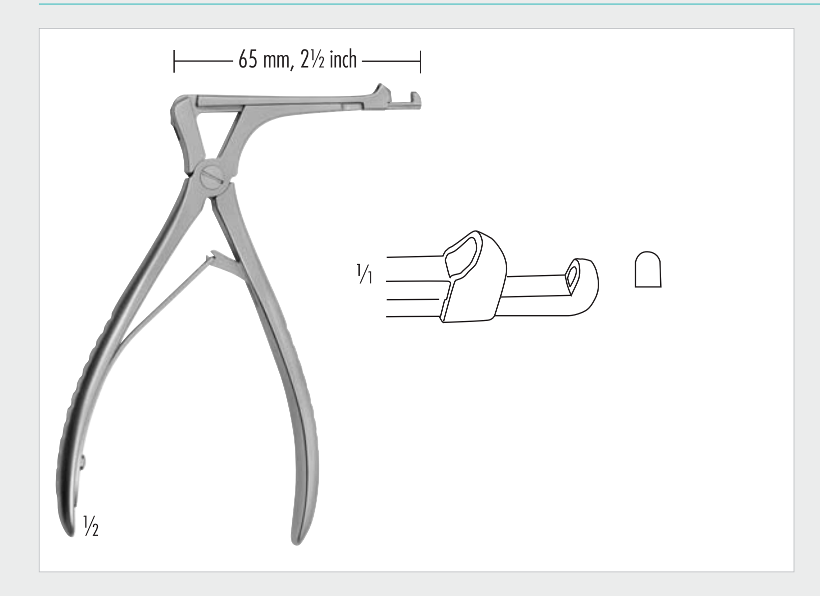


210-880-175
MC INDOE
Knochensplitterzange, abgewinkelt, übersetzt, 175 mm
Bone cutting forceps, angled on flat, double action, 7 inch

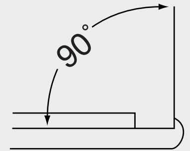


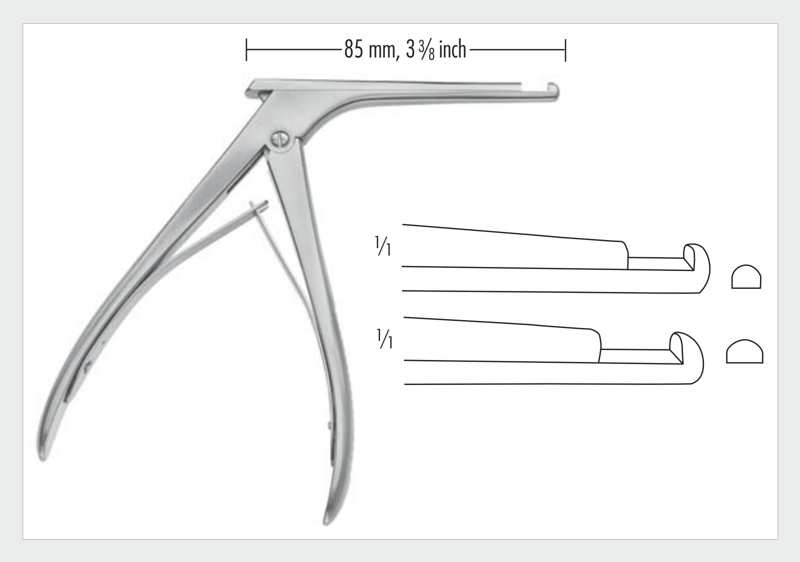
210-890-150
BOEHLER
Knochenschneidezange, abgewinkelt, übersetzt, 145 mm
Bone cutting forceps, angled on flat, double action, 5 ¾ inch



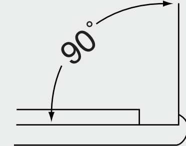


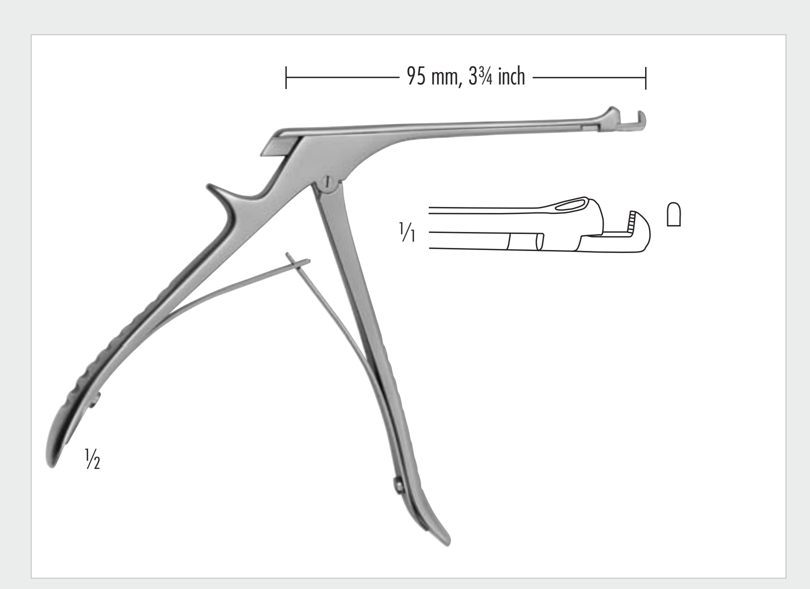
410-241-035
CITELLI
Knochenstanze, durchschneidend, 3,5 mm
Bone Punch, through cutting, 3.5 mm



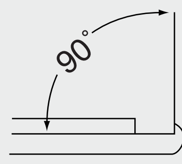


410-245-001 4 mm
410-245-002 5 mm
KERRISON
Knochenstanze
Bone Punch

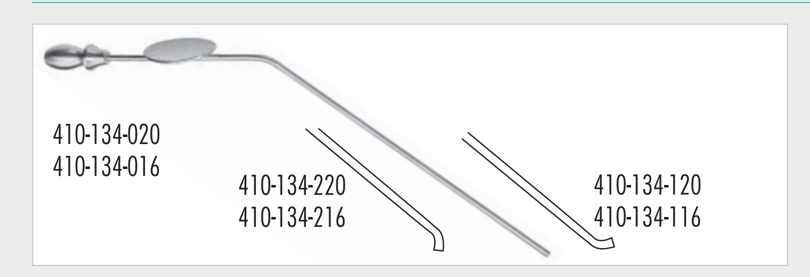




410-242-018 1,8 mm
CITELLI-BEYER
Knochenstanze
Bone Punch



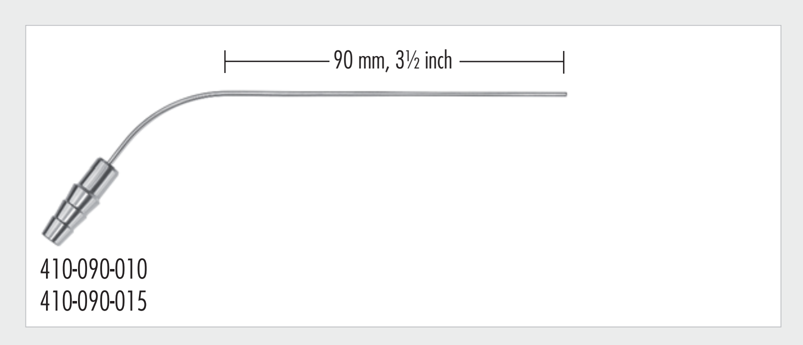




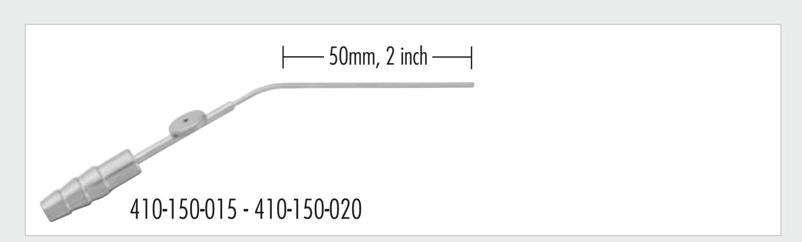
VERHOEVEN

410-134-320 Saugrohr , 2,0 mm , gerade
Suction tube, 2.0 mm , straight
410-134-120 dito, nach oben
same, curved up
410-134-220 dito, nach unten
same, curved down

410-134-316 Saugrohr, 1,5 mm, gerade
Suction tube, 1.5 mm, straight
410-134-116 dito, nach oben
same, curved up
410-134-216 dito, nach unten
same, curved down

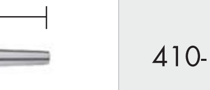


410-090-010 Saugrohr, kniegebogen, zylindr., Luer, 1,0 mm
Suction tube, knee bent, cylindr., Luer, 1.0 mm
410-090-015 dito, 1,5 mm
same, 1.5 mm
410-090-020 dito, 2,0 mm
same, 2.0 mm
410-090-030 dito, 3,0 mm
same, 3.0 mm
410-090-040 dito, 4,0 mm
same, 4.0 mm
410-090-050 dito, 5,0 mm
same, 5.0 mm

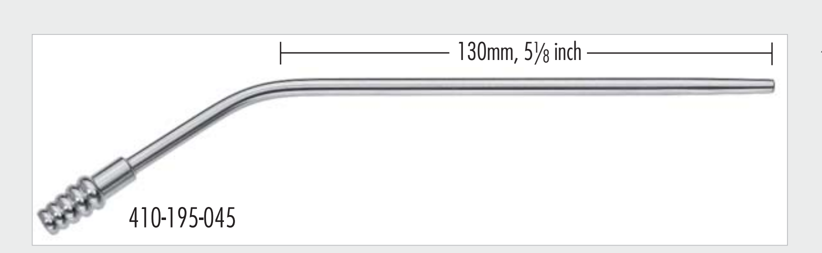


BARNES

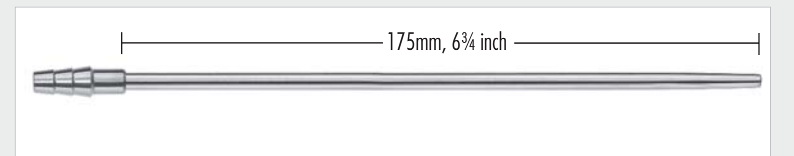
410-150-015 Saugrohr, Luer, 1,5 mm
Suction tube, Luer, 1.5 mm
410-150-017 dito, 1,7 mm
same, 1.7 mm
410-150-020 dito, 2,0 mm
same, 2.0 mm



410-165-030 Saugrohr, konisch, 165 mm, Luer, 3,0 mm
Suction tube, conical, 165 mm, Luer, 3.0mm
410-165-035 dito, 3,5 mm
same, 3.5 mm

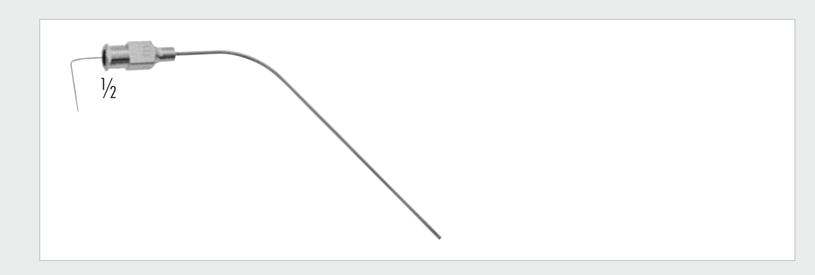


410-195-045 Saugrohr, 195 mm lang, 4,5 mm,
Suction tube, 195 mm long, 4.5 mm,



410-225-003 Saugrohr, biegsam, 225 mm, ∅ 3mm, Luer
Suction tube, malleable, 225 mm, ∅ 3mm, Luer

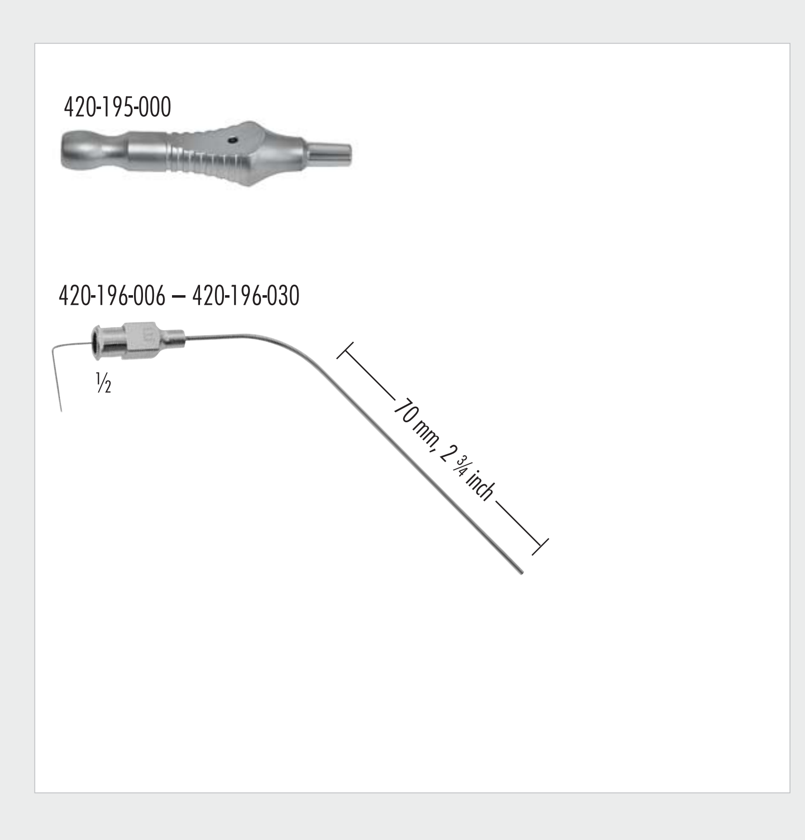




410-134-016 ∅ 16 swg., ∅ 1,6 mm
410-134-012 ∅ 18 swg., ∅ 1,2 mm
410-134-009 ∅ 20 swg., ∅ 0,9 mm
410-134-007 ∅ 22 swg., ∅ 0,7 mm
410-134-006 ∅ 24 swg., ∅ 0,6 mm

VERHOEVEN-ROSEN

Saugkanüle, mit LUER-Lock, 100 mm
Suction cannula, with LUER-Lock, 4 inch



420-195-000

HOUSE

Saugadapter, 55 mm, Saugunterbrecher Durchmesser Olive: 7 mm
Suction adapter, 2 1/8", finger cut-off, Diameter olive: 7 mm

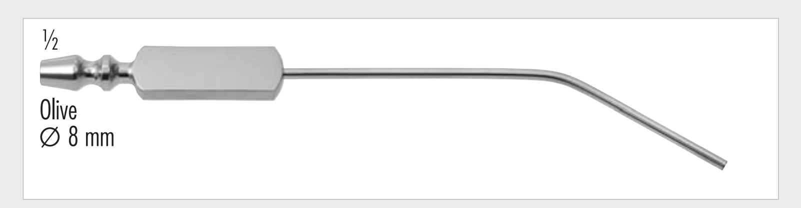
420-196-000 Saughandgriff mit LUER-Konus, mit Unterbrecher
Suction handle, with finger cut-off, with LUER cone

HOUSE

Saugkanülen mit Luer-lock
Suction cannulas with Luer-lock

420-196-006 1 Saugkanüle, ∅ 0,6 mm, mit LUER-Lock
1 suction cannulae, ∅ 0.6 mm, with LUER-Lock

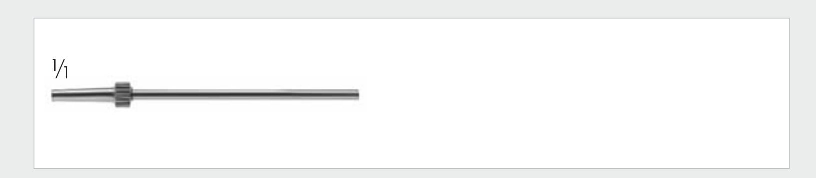
420-196-008 dito ∅ 0,8 mm/same, ∅ 0.8 mm
420-196-010 dito, ∅ 1,0 mm/same, ∅ 1.0 mm
420-196-012 dito, ∅ 1,2 mm/same, ∅ 1.2 mm
420-196-015 dito, ∅ 1,5 mm/same, ∅ 1.5 mm
420-196-018 dito, ∅ 1,8 mm/same, ∅ 1.8 mm
420-196-020 dito, ∅ 2,0 mm/same, ∅ 2.0 mm
420-196-022 dito, ∅ 2,2 mm/same, ∅ 2.2 mm
420-196-025 dito, ∅ 2,5 mm/same, ∅ 2.5 mm
420-196-030 dito, ∅ 3,0 mm/same, ∅ 3.0 mm



410-267-100

ZOELLNER

Saugkanüle, allein
Suction cannula, only



410-267-012 ∅ 18 swg., ∅ 1,2 mm
410-267-009 ∅ 20 swg., ∅ 0,9 mm
410-267-007 ∅ 22 swg., ∅ 0,7 mm
410-267-006 ∅ 24 swg., ∅ 0,6 mm
410-267-004 ∅ 26 swg., ∅ 0,4 mm

ZOELLNER

Auswechselbare Spitzen, Bestelleinheit: PZ = Packung á 10 Stück
Detacheable suction tips, Sales unit: PZ = Package of 10 pieces



410-135-000

WULLSTEIN

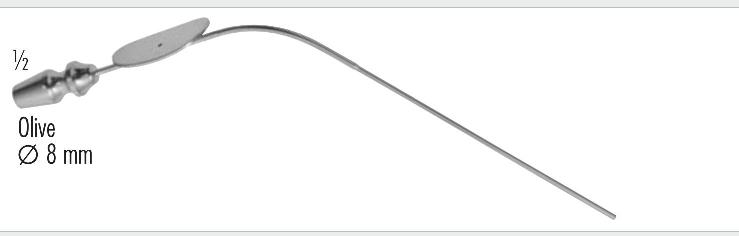
Saughandgriff, mit Fingerunterbrecher, 140 mm
Suction handle, with finger-cut-off, 5 ½ inch





165-536-010	18 Gauge	165-536-009	20 Gauge
165-536-007	22 Gauge	165-536-006	24 Gauge

SCHUHKNECHT
Saugkanüle, 130 mm
Suction cannula, 5 ⅛ inch



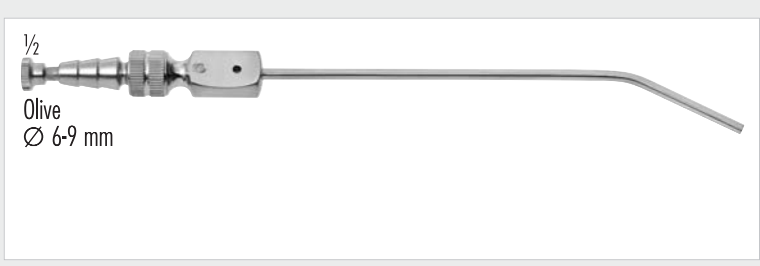
	75 mm/3 inch	100 mm/ 4 inch
3Charr./1,0 mm	165-538-003	165-539-003
5Charr./1,8 mm	165-538-005	165-539-005
7Charr./2,3 mm	165-538-007	165-539-007

BARRON
Saugkanüle mit Saugunterbrecher und Mandrin
Suction cannula with finger cut-off and stylet



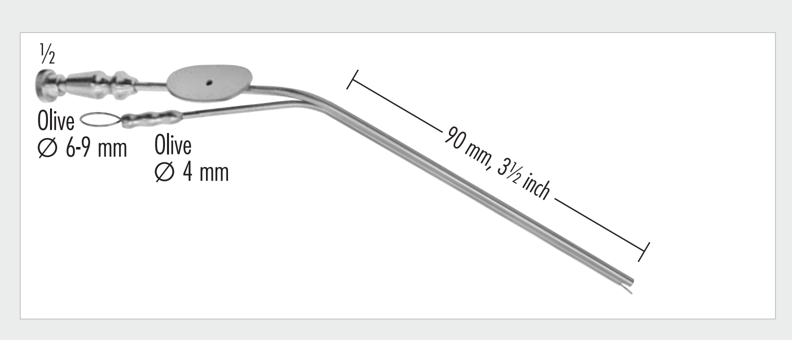
∅	130 mm/5 inch	180 mm/7 inch
1,5 mm	165-625-005	165-525-005
2,0 mm	165-625-006	165-525-006
2,5 mm	165-625-008	165-525-008
3,0 mm	165-625-010	165-525-010
4,0 mm	165-625-012	165-525-012
5,0 mm	165-625-015	165-525-015

FERGUSSON
Saugkanüle mit Saugunterbrecher und Mandrin,
Griffplatte 90° zur Biegung, LUER-Bohrung
Suction cannula with finger cut-off and stylet,
thumb piece 90° to curve, with LUER hub



165-725-008	∅ 1,5 mm
165-725-010	∅ 2,0 mm
165-725-012	∅ 2,5 mm
165-725-015	∅ 3,0 mm

PLESTER
Saugkanüle mit Saugunterbrecher und Mandrin, Griffplatte parallel
zur Biegung, LUER-Bohrung, 195 mm
Suction cannula with finger cut-off and stylet, thumb piece parallel
to curve, with LUER hub, 7 ¾ inch



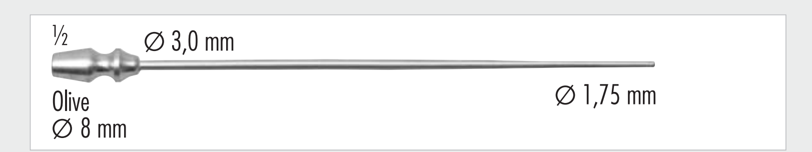
252-140-003	Saugrohr ∅ 0,9 mm, Spühlrohr ∅ 0,7 mm suction tube ∅ 0.9 mm, irrigation tube ∅ 0.7 mm
252-140-004	Saugrohr ∅ 1,2 mm, Spühlrohr ∅ 0,9 mm suction tube ∅ 1.2 mm, irrigation tube ∅ 0.9 mm
252-140-005	Saugrohr ∅ 1,5 mm, Spühlrohr ∅ 1,2 mm suction tube ∅ 1.5 mm, irrigation tube ∅ 1.2 mm

HOUSE
Saugkanüle mit Saugunterbrecher und Mandarin, LUER-Bohrung
Suction cannula with finger cut-off and stylet, with LUER hub



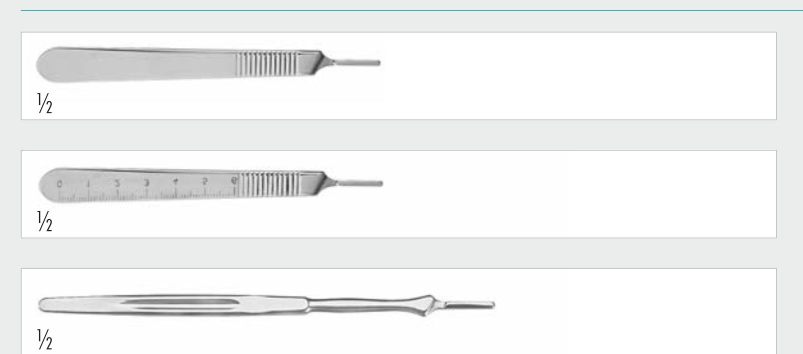
410-135-160	∅ 1,5 mm
410-132-160	∅ 2,0 mm

WULLSTEIN
Saugrohr, zylindrisch, aus Silber, mit Mandarin, Olive mit LUER Bohrung
Suction tube, cylindrical, silver plated, with stylet, olive with LUER hub
160 mm, 6 ¼ inch



410-133-160
WULLSTEIN
Saugrohr, konisch, aus Silber, Olive mit LUER-Bohrung, 160 mm
Suction tube, conical, silver plated, olive with LUER hub, 6 ¼ inch





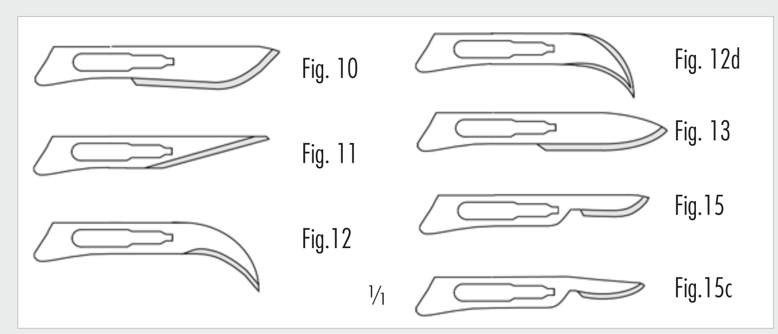
110-110-003
Skalpell Griff Nr. 3, 130 mm
Scalpel Handle No. 3, 5 ⅛ inch

110-114-003
Skalpell Griff Nr. 3, graduiert, 130 mm
Scalpel Handle No. 3, graduated, 5 ⅛ inch

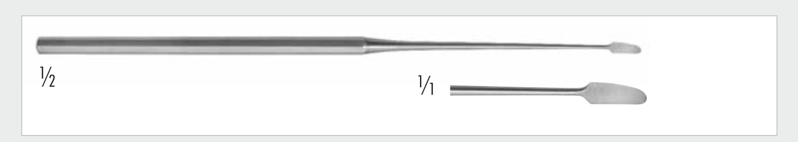
110-114-077
Skalpell Griff Nr. 7, 165 mm
Scalpel Handle No. 7, 6½ inch



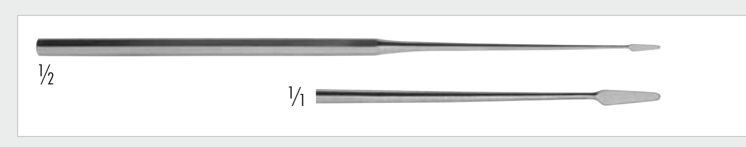
110-114-007
Skalpell Griff Nr. 7K, 130 mm
Scalpel Handle No. 7K, 5 inch



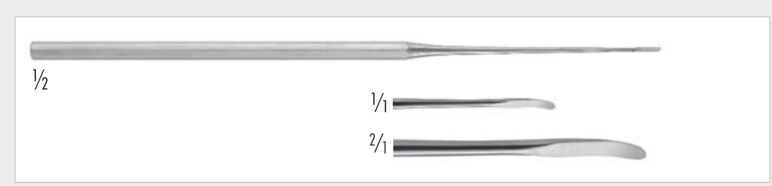
110-201-010 Fig.10
110-201-011 Fig.11
110-201-012 Fig.12
110-201-112 Fig.12d
110-201-013 Fig.13
110-201-015 Fig.15
110-201-115 Fig.15c
Skalpellklingen Fig. 15, steril, PA à 100 Stück
Scalpel blades Fig. 15, sterile, PA = 100 pieces



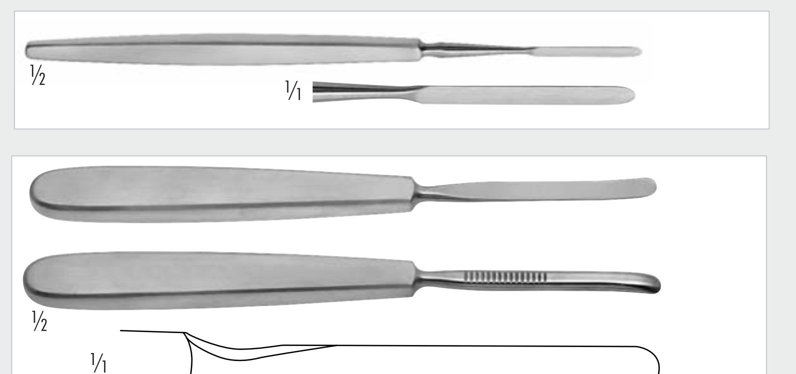
410-329-160
WULLSTEIN
Raspatorium, gebogen, 160 mm
Raspatory, rounded blade, curved, 6 ¼ inch



410-328-165
BEALES
Raspatorium, 165 mm
Raspatory, 6 ½ inch



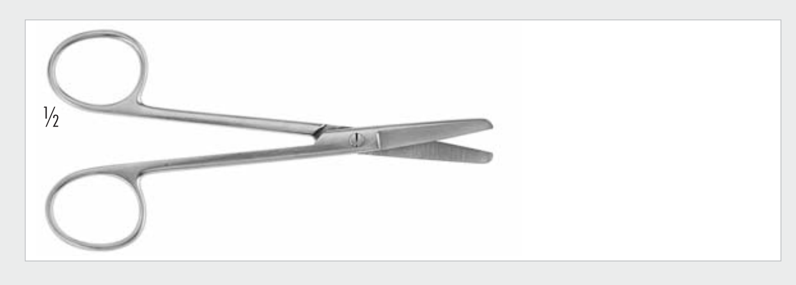
410-327-165
BEALES
Raspatorium, spatelförmiges Blatt, klein, 165 mm
Raspatory, spatula end, small, 6 ½ inch



410-330-160
LEMPERT
Raspatorium, schmal, gerade, 160 mm
Raspatory, narrow, straight, 6 ¼ inch

210-439-006 6 mm
210-439-008 8 mm
Raspatorium, leicht gebogen, 165 mm
Raspatory, slightly curved, 6 ½ inch





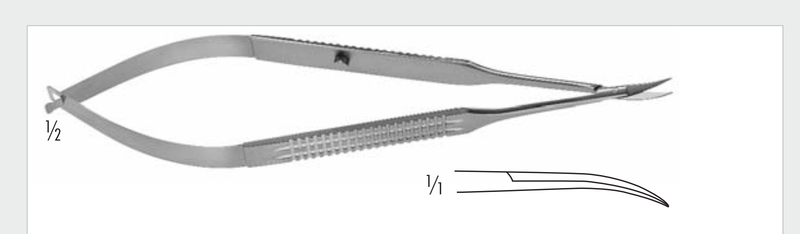
120-047-120
WAGNER
Zahnfleischschere, gebogen, stumpf, 120 mm
Gum scissors, curved, blunt, 4 ¾ inch



120-057-140
SANVENERO
Chirurgische Schere, gebogen, spitz, 140 mm
Operating scissors, curved, sharp, 5 ½ inch



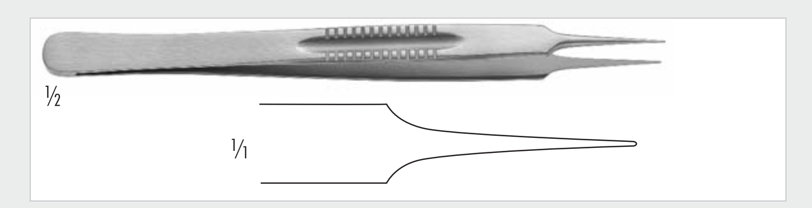
120-071-105
Irisschere, gebogen, 105 mm
Iris scissors, curved, 4 ¼ inch



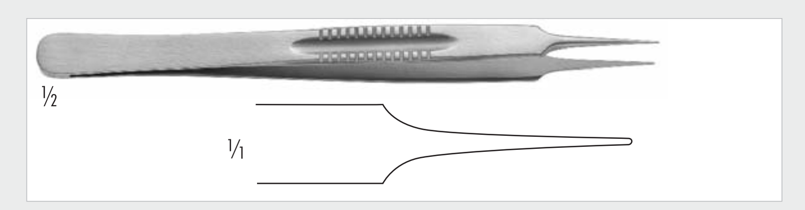
250-064-021
MILLESI
Mikro Federschere, gebogen, Schneiden gezahnt, 160 mm
Micro Scissors (Spring Type), toothed blades, curved, 6 ¼ inch



250-064-079
Mikro Nadelhalter, gebogen, mit breitem Griff, 160 mm
Micro Needle Holder, curved, with wide handle, 6 ¼ inch



250-024-260
Mikro Lazar Pinzette, 0,5 mm Spitzen, 155 mm
Micro Lazar Forceps, 0.5 mm tips, 6 inch



250-024-261
Mikro Lazar Pinzette, 0,8 mm Spitzen, 155 mm
Micro Lazar Forceps, 0.8 mm tips, 6 inch



251-613-110
Gefäßdilatator, gerade, Flachgriff, 9 mm breit, 110 mm
Vessel dilator, straight, flat handle, 9 mm wide, 4 3/8 inch





½

130-145-125
SEMKEN
Chirurgische Pinzette, 1 x 2 Zähne, 125 mm
Tissue forceps, 1 x 2 teeth, 5 inch

½

130-145-150
SEMKEN
Chirurgische Pinzette, 1 x 2 Zähne, 150 mm
Tissue forceps, 1 x 2 teeth, 6 inch

½

130-144-150
SEMKEN
Anatomische Pinzette, 150 mm
Dressing forceps, 6 inch

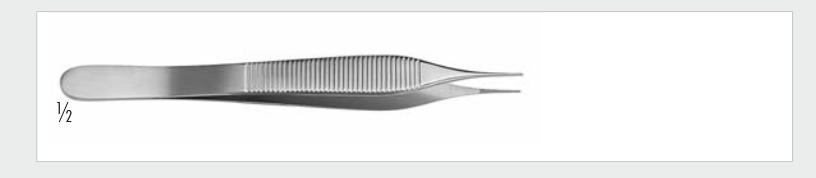
½ 1/1

410-383-120
DERLACKI
Chirurgische Gehörknöchelchen-Pinzette mit Schließschraube, Mehrfachzahnung, 120 mm
Aural tissue forceps with locking screw, for small aural bones, multiple teeth, 4 ¾ inch



½

130-550-120
Mikro- Adson Pinzette, 1 x 2 Zähne, 120 mm
Micro- Adson Forceps, 1 x 2 teeth, 4 ¾ inch



½

130-548-120
Mikro- Adson Pinzette, gerieft, 120 mm
Micro- Adson dressing forceps, serrated, 4 ¾ inch

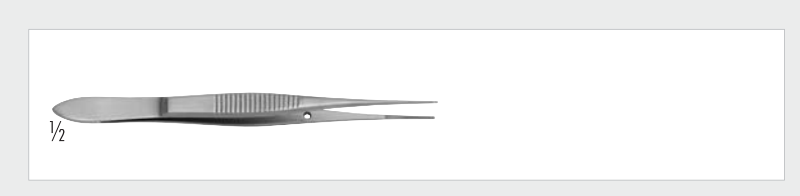


½

130-503-100
GRAEFE
Feine chirurgische Pinzette, 1x2 Zähne, gerade, 100 mm
Delicate tissue forceps, 1x2 teeth, straight, 4 inch

½

130-504-100
GRAEFE
Feine chirurgische Pinzette, 1x2 Zähne, gebogen, 100 mm
Delicate tissue forceps, 1x2 teeth, curved, 4 inch



½

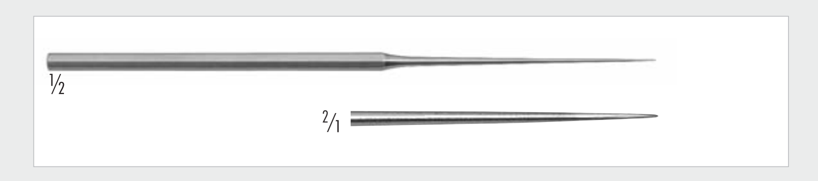
130-500-100
GRAEFE
Feine anatomische Pinzette, gerade, 100 mm
Delicate dressing forceps, straight, 4 inch



½

130-501-100
GRAEFE
Feine anatomische Pinzette, gebogen, 100 mm
Delicate dressing forceps, curved, 4 inch

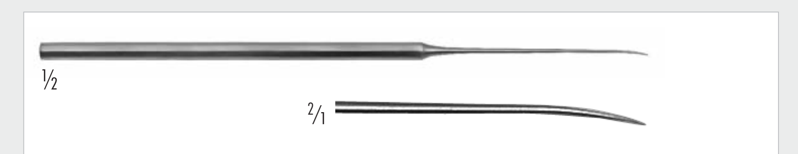




410-110-155 spitz/pointed
410-110-160 stumpf/blunt

BARBARA

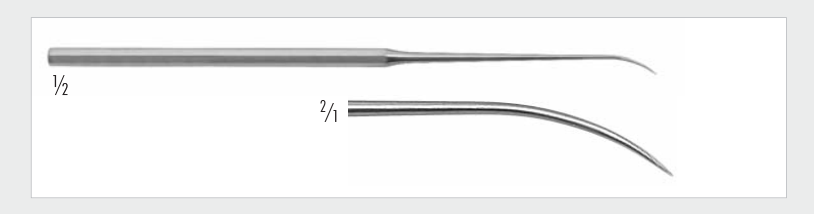
Mikro- Nadel (Perforator), gerade, 160 mm
Micro Needle (perforator), straight, sharp point, 6 ¼ inch



410-111-155

WULLSTEIN

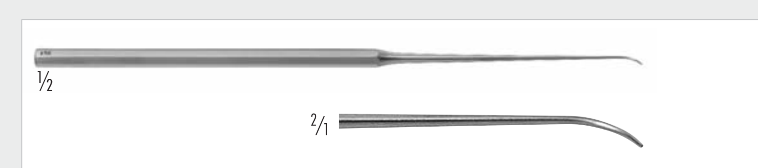
Mikro- Nadel (Perforator), leicht gebogen, 160 mm
Micro Needle (perforator), slightly curved, sharp point, 6 ¼ inch



410-112-155

BARBARA

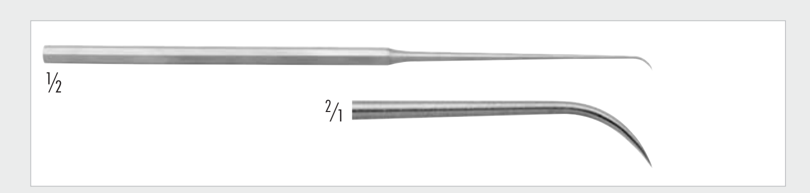
Mikro-Nadel (Perforator), leicht, lange Biegung, 160 mm
Micro Needle (perforator), slightly, long curvature, 6 ¼ inch



410-114-155

BARBARA

Mikro-Nadel (Perforator), stark gebogen, 160 mm
Micro Needle (perforator), acute curved, sharp point, 6 ¼ inch



410-116-155

ROSEN

Mikro-Häkchen, stark lang gebogen, 160 mm
Micro Hook, acute long curvature, 6 ¼ inch



410-115-003 0,3 mm
410-115-006 0,6 mm
410-115-010 1,0 mm

SHAMBOUGH

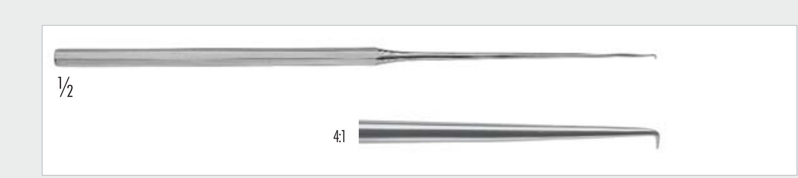
Mikro-Häkchen, 25° abgewinkelt, 160 mm
Micro Hook, 25° angled, 6 ¼ inch



410-117-002	0,2 mm	410-117-003	0,3 mm
410-117-004	0,4 mm	410-117-006	0,6 mm
410-117-008	0,8 mm	410-117-010	1,0 mm
410-117-012	1,2 mm	410-117-015	1,5 mm
410-117-020	2,0 mm	410-117-025	2,5 mm

SHAMBOUGH

Mikro-Häkchen, 45° abgewinkelt, 160 mm
Micro Hook, 45° angled, 6 ¼ inch

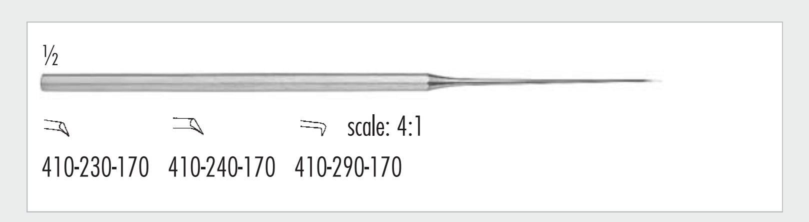


410-210-002	0,2 mm	410-210-003	0,3 mm
410-210-004	0,4 mm	410-210-006	0,6 mm
410-210-008	0,8 mm	410-210-010	1,0 mm
410-210-012	1,2 mm	410-210-015	1,5 mm
410-210-020	2,0 mm	410-210-025	2,5 mm

SHAMBOUGH

Mikro-Häkchen, 90° abgewinkelt, 160 mm
Micro Hook, 90° angled, 6 ¼ inch

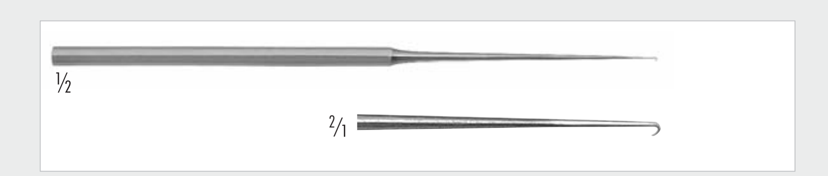




410-230-170 0.33mm Spitze/tip, 30° gebogen/angled
410-240-170 0.66mm Spitze/tip, 30° gebogen/angled
410-290-170 0.33mm Spitze/tip, 90° gebogen/angled

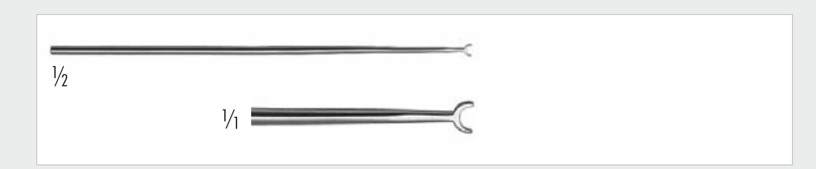
HOUSE

Oval Window Pick, 8-kant Griff, spitz, 17cm
Oval Window Pick, Octagon handle, pointed, 6 3/4 inch



410-119-010 1,0 mm
410-119-025 2,5 mm

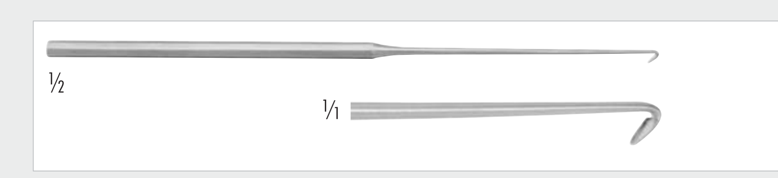
Mikro-Häkchen, retrograd gebogen, 160 mm
Micro hook, reverse curved, 6 ¼ inch



410-119-110

Bloch

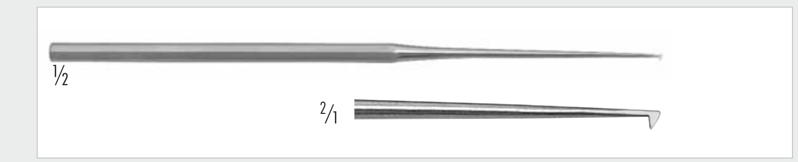
Ohrstopfer, 110 mm
Aural plugger, 4 ⅓ inch



410-120-020 2,0 mm

PLESTER

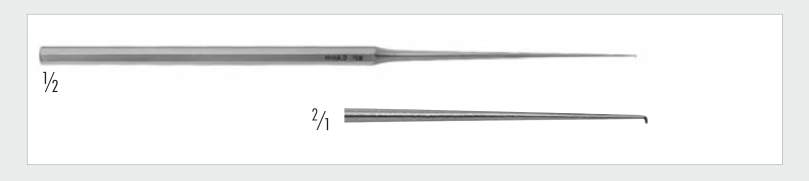
Ohrschaber, 60° abgewinkelt, zum Anfrischen der Trommelfell-rückseite, 160 mm
Aural scraper, 60° angled, for roughening of tympanum surface, 6 ¼ inch



410-216-006 0,6 mm

HEERMANN

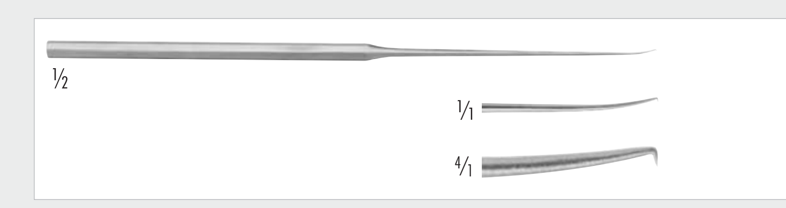
Häkchen, retrograd schneidend, 160 mm
Hook, reverse cutting, 6 ¼ inch



410-216-004 0,4 mm

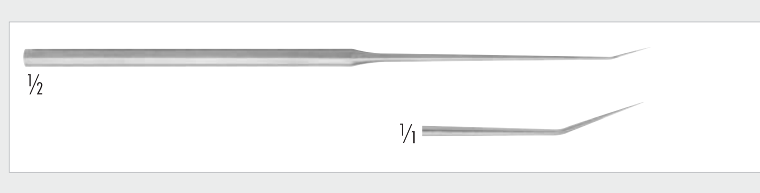
PLESTER

Fußplatten-Häkchen, 90° abgewinkelt, oval, stumpf, 160 mm
Footplate hook, 90° angled, oval, blunt, 6 ¼ inch



410-216-007

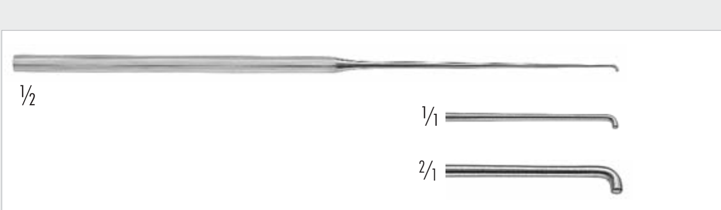
Mikro-Häkchen, leicht abgewinkelte Spitze, 160 mm
Mikro Hook, slightly angled at tip, 6 ¼ inch



410-216-008

BEALE

Mikro-Ohrhäkchen, nach oben abgewinkelt, 160 mm
Footplate Hook, angled upwards for removal of footplate, 6 ¼ inch

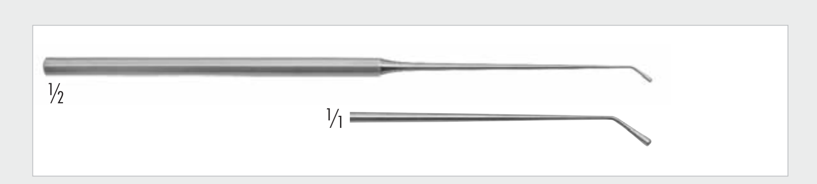


410-216-009

PLESTER

Antrumhäkchen, 90° abgewinkelt, zylindrisch, 160 mm
Antrum hook, 90° angled, cylindric, 6 ¼ inch





410-216-045
PLESTER
Antrumhäkchen, 45° abgewinkelt, zylindrisch, 160 mm
Antrum hook, 45° angled, cylindric, 6 ¼ inch

410-216-160
PLESTER
Applikationsinstrument (Führungsgabel, Stapesreiter) für Stapesprothesen mit Drahtschlinge, (Arbeitsende flach), 160 mm
Wire guide and applicator for stapesprosthesis, flat end with V-notch, 6 ¼ inch

410-216-165
HUGHES
Steigbügelhäkchen, 165 mm
Stapes mobiliser, 6 ½ inch

25° nach hinten gebogen/angled backwards
25° nach vorne gebogen/angled forwards
45° nach hinten gebogen/angled backwards
45° nach vorne gebogen/angled forwards
90° nach hinten gebogen/angled backwards
90° nach vorne gebogen/angled forwards
BARBARA kniegebogen/knee bent
ROSEN kniegebogen/knee bent
retrograd nach hinten gebogen/retrograde angled backwards
retrograd nach vorne gebogen/retrograde angled forwards

25° nach hinten gebogen /angled backwards
410-210-303 0,3 mm
410-210-306 0,6 mm
410-210-310 1,0 mm

25° nach vorne gebogen /angled forwards
410-210-203 0,3 mm
410-210-206 0,6 mm
410-210-210 1,0 mm

45° nach hinten gebogen /angled backwards
410-217-003 0,3 mm
410-217-006 0,6 mm
410-217-010 1,0 mm

45° nach vorne gebogen /angled forwards
410-217-103 0,3 mm
410-217-106 0,6 mm
410-217-110 1,0 mm

90° nach hinten gebogen /angled backwards
410-216-003 0,3 mm
410-216-005 0,6 mm
410-216-010 1,0 mm

90° nach vorne gebogen /angled forwards
410-116-103 0,3 mm
410-116-105 0,6 mm
410-116-110 1,0 mm

HOUGH
Mikro Häkchen, 160 mm
Micro hook, 6 ¼ inch

BARBARA kniegebogen/knee bent
410-113-155
gerade/straight

ROSEN kniegebogen/knee bent
410-115-153
gebogen/curved

retrograd nach hinten gebogen /retrograde angled backwards
410-116-205 0,5 mm
410-116-210 1,0 mm

retrograd nach vorne gebogen /retrograde angled forwards
410-116-305 0,5 mm
410-116-310 1,0 mm



½ ⅟1

410-157-090 3 mm stumpf/blunt
410-157-095 5mm stumpf/blunt
AUSTIN
Attikusdissektor, 90°gebogen, 165 mm
Attic Dissector, 90° angled, 6 ½ inch

½ ⅟1 410-157-001 ⅟1 410-157-002 ⅟1 410-157-004 ⅟1 410-157-005 ⅟1 410-157-006

410-157-001 Elevatorium/Elevator 1,0 mm
410-157-002 Raspatorium/Raspatory 1,0 mm
410-157-003 Raspatorium/Raspatory 1,2 mm
410-157-004 Löffel/Spoon
410-157-005 Häkchen retrograd scheidend, 0,6 mm
Hook retrograde cutting, 0.6 mm
410-157-006 Raspatorium/Raspatory 1,8 mm
AUSTIN
165 mm
6 ½ inch

½ ⅟1 ⅟1 410-135-062

410-135-060 doppelt gebogen links
double curved left
410-135-062 einfach gebogen links
single curved left
Trommelfell Exkavator, schmal, 160 mm
Excavator, narrow, 6 ¼ inch

½ ⅟1 ⅟1 410-135-063

410-135-061 doppelt gebogen rechts
double curved rechts
410-135-063 einfach gebogen rechts
single curved rechts
Trommelfell Exkavator, schmal, 160 mm
Tympanum Excavator, narrow, 6 ¼ inch

½ ⅟1 2/1

410-137-004 0,4 mm
410-137-006 0,6 mm
410-137-008 0,8 mm
Messzylinder, 165 mm
Caliper, 6 ½ inch

½ ⅟1 4/1

410-137-013 0,3 mm
410-137-014 0,4 mm
410-137-015 0,5 mm
410-137-016 0,6 mm
Perforator, 165 mm
Perforator, 6 ½ inch

½ ⅟1 ⅟1 ⅟1 ⅟1

410-142-166
Mess-Sonde, Markierungen bei 3,5 - 4 - 4,5 mm zur Längenbestimmung der Stapesprothese, 160 mm
Measuring probe (caliper) markings at 3.5 - 4 - 4.5 mm, to determine length of stapes prosthesis, 6 ¼ inch

410-142-135 Markierung 3,5 mm/Mark 3.5 mm
410-142-140 Markierung 4,0 mm/Mark 4.5 mm
410-142-145 Markierung 4,5 mm/Mark 4.5 mm
410-142-150 Markierung 5,0 mm/Mark 5.0 mm

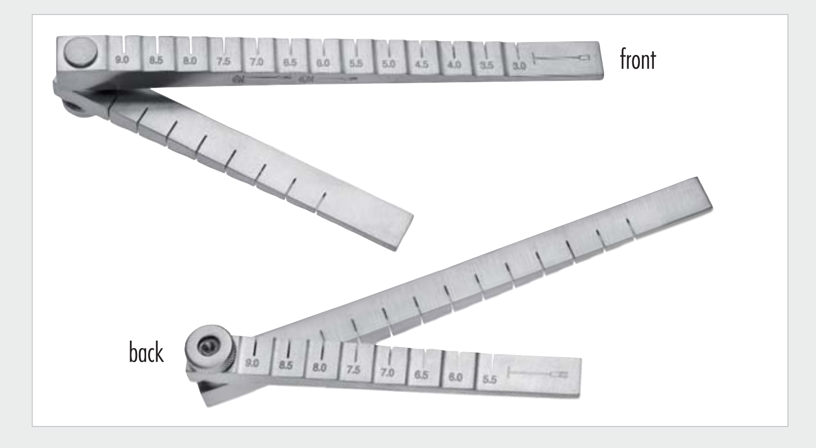



½

410-269-404
Schneidevorrichtung für Prothesen
Cutting Jig for Prosthesis


½

410-143-000 92 x 54 mm
Präpariertablett aus Metall mit mm Skala
Preparation tray with mm scale, stainless steel



410-155-800
Universal Titan Prothesen Messgerät, Messbereich von 2.5 bis 9mm
Universal Titanium Prosthesis Sizer, measuring from 2.5 till 9mm



HEERMANN
Instrumentarium zur Ausmeisselung der Stapes-Fussplatte
Instruments for the removal of the stapedial footplate

1/1

410-144-007 0,7 mm
Hohlmeissel, sehr fein
Gouge, very delicate

1/1

410-144-010 1,0 mm
Hohlmeissel für Fensterung
Gouge for fenestration

1/1

410-144-015 1,5 mm
Hohlmeissel für Fensterung
Gouge for fenestration

½
1/1

410-144-017 0,7 mm
Flachmeissel, sehr fein
Chisel, very delicate

1/1

410-144-030 3,0 mm
Hohlmeissel für Fensterung
Gouge for fenestration


1/1

410-144-100
Handgriff für die Spezialmeissel. Die Meissel können mit der Feststellschraube in jeder Position fixiert werden.
Handle to hold specialy designed chisel and gouges. The knurled screw holds inserts securely in place.


½

410-144-200
HEERMANN
Metallhammer, mit Hohlheft, 195 mm
Mallet, metal, with hollow handle, narrow head, 7 ¾ inch


½

410-145-000
SCHUKNECHT
Biegegerät zum Formen von Stapes Drahtprothesen aus rostfreiem Stahl. Biegeplatte mit Millimetereinteilung.
Bending device for stapes. This dye is used to pre-form stainless steel wire prosthesis to produce the appropriate button-hook shape for easy attachment to the incus. Measuring the length of the prosthesis, millimeter scale is centered on the bending dye.

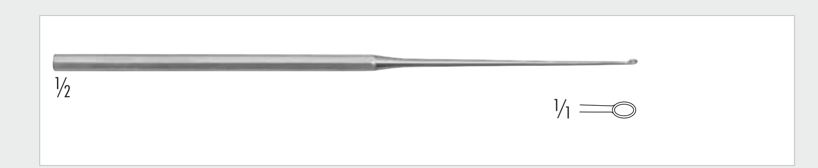




410-046-160 1,5 x 2,5 mm

SHEA

Scharfer Löffel für Tympanoplastik, oval,
mit kniegebogenemSchaft, 160 mm
Curette, sharp for tympanoplasty, oval cup, upwards cutting
with knee bent shaft, 6 ¼ inch



410-047-160 1,5 x 2,5 mm

SHEA

Scharfer Löffel für Tympanoplastik und Myringoplastik,
ovaler Löffel, 160 mm
Curette, sharp for tympanoplasty and myringoplasty, oval cups, 6 ¼ inch



410-044-001 ∅ 1,0 + 1,2 mm
410-044-002 ∅ 1,5 + 1,8 mm

HOUSE

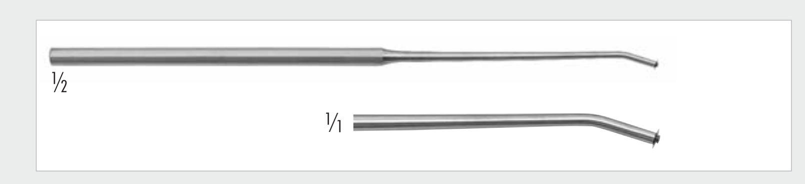
Scharfer Doppel-Löffel für Stapedektomie,
ovale Löffel, leicht gebogen, 150 mm
Curette, sharp, double ended, for stapedectomy,
oval cups, slightly curved, 6 inch



410-044-003 ∅ 1,0 + 1,2 mm
410-044-004 ∅ 1,5 + 1,8 mm

HOUSE

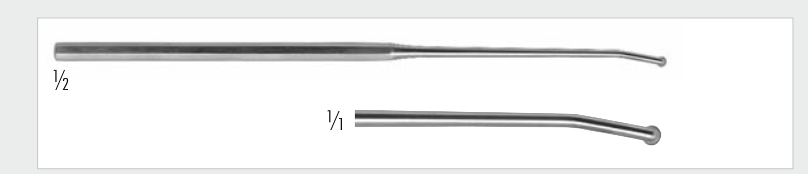
Scharfer Doppel-Löffel für Stapedektomie, oval,
stark gebogen, 150 mm
Curette, sharp, double ended, for stapedectomy,
oval cups, strongly curved, 6 inch



410-089-001

SCHUHKNECHT

Rollmesser, rechtwinklig zum Schaft, zur Inzision im
äusseren Gehörgang, 160 mm
Roller knife, for incision of the bony external auditory meatus,
blade at the right angle to shaft, 6 ¼ inch

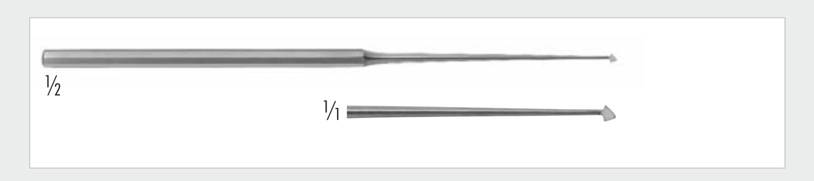


410-089-002

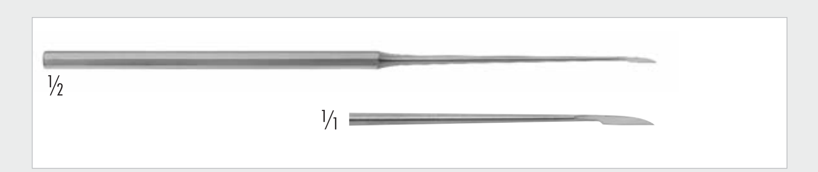
SCHUHKNECHT

Rollmesser, parallel zum Schaft, zur Inzision im äusseren
Gehörgang, 160 mm
Roller knife, for incision of the bony external auditory meatus,
but blade in line with shaft, 6 ¼ inch

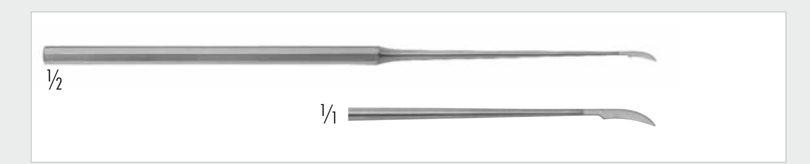




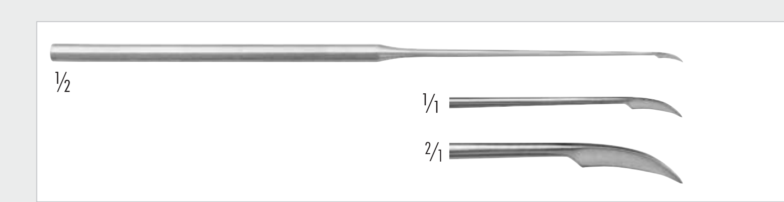
410-093-160
ROSEN
Lanzettenmesser, 160 mm
Knife and elevator, spear pointed blade, 6 ¼ inch



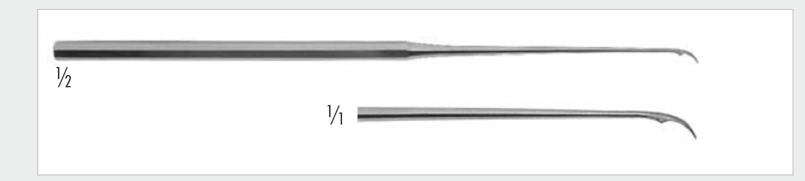
410-100-160
Diszisionsmesser, gerades Blatt, 160 mm
Footplate knife, straight blade, 6 ¼ inch



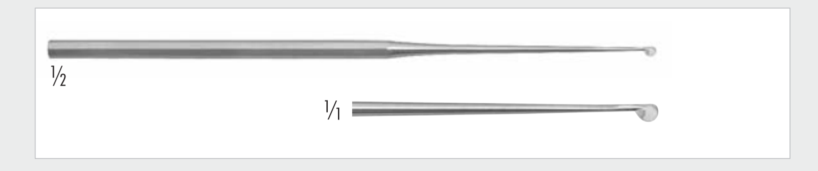
410-101-160
PLESTER
Sichelmesser, leicht gebogenes Blatt, 160 mm
Sickle knife, slightly curved blade, 6 ¼ inch



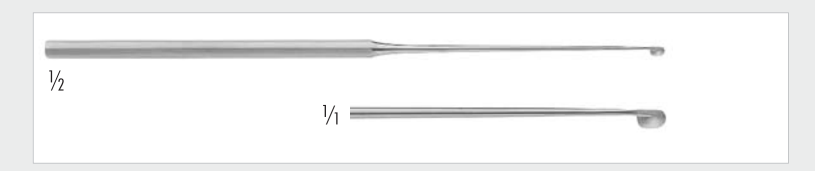
410-103-160
THORBURN
Sichelmesser, gebogenes Blatt, 165 mm
Sickle knife, curved blade, 6 ½ inch



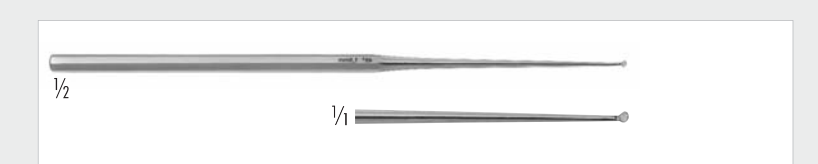
410-109-170
BEALES
Sehnenmesser, 170 mm
Tendon knife, 6 ¾ inch



410-124-160 2,4 mm x 3 mm
PLESTER
Lappenmesser, rundum schneidend, 160 mm
Flap knife, round cutting, 6 ¼ inch



410-092-001 2,4 mm x 3,5 mm
PLESTER
Lappenmesser, rundum schneidend, 160 mm
Flap knife, round cutting, 6 ¼ inch



410-118-010 ∅ 1,0 mm
410-118-014 ∅ 1,4 mm
410-118-016 ∅ 1,6 mm
410-118-020 ∅ 2,0 mm
410-118-023 ∅ 2,3 mm
410-118-026 ∅ 2,6 mm
410-118-028 ∅ 2,8 mm
410-118-030 ∅ 3,0 mm
Rundschnittmesser, sehr fein, 45° abgewinkelt, 160 mm
Round cutting knife, slender, 45° angled, 6 ¼ inch

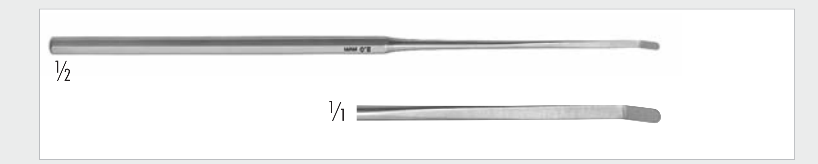




410-119-015 Ø 1,5 mm
410-119-020 Ø 2,0 mm
410-119-025 Ø 2,5 mm
410-119-030 Ø 3,0 mm

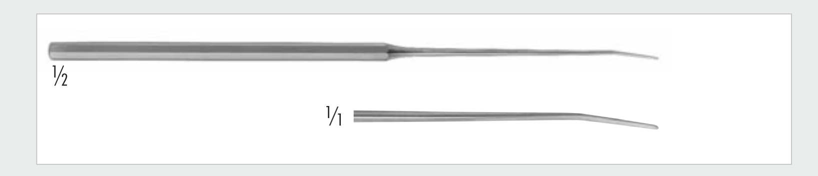
ROSEN

Rundschnittmesser, 90° abgewinkelt, 160 mm
Round cutting knife, 90° angled, 6 ¼ inch



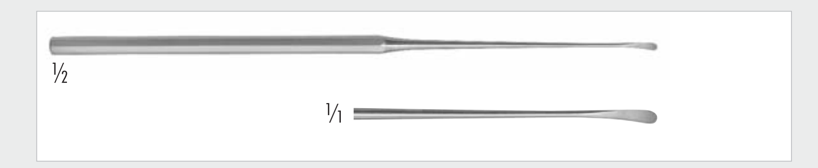
410-135-048 2 mm breit / wide

Transplantat-Träger und Raspatorium, 160 mm
Graft holder and elevator, for lifting drum forward, 6 ¼ inch



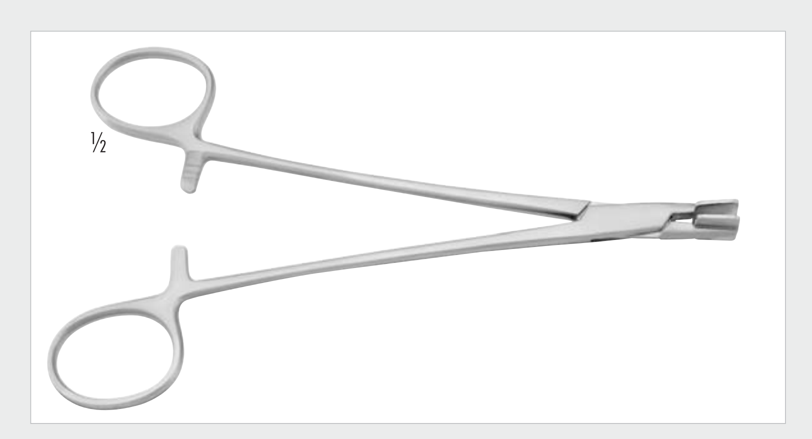
410-135-050 1 mm breit / wide

Stapes-Elevatorium, leicht abgewinkelt, 160 mm
Stapes Elevator for lifting drum forward, slightly angled, 6 ¼ inch



410-135-051 1,8 mm breit /wide

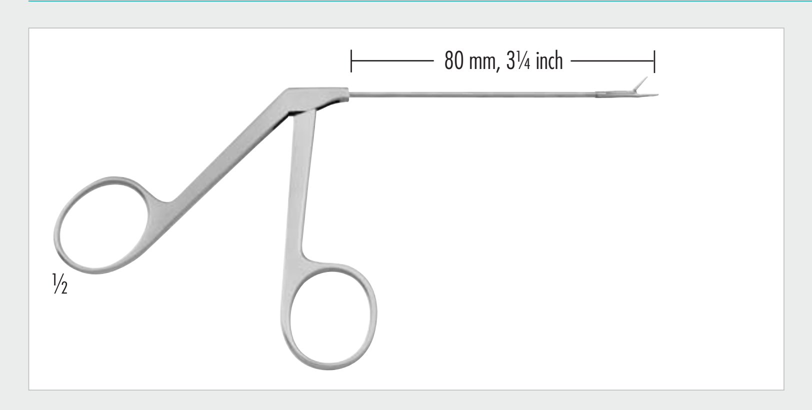
Raspatorium, Spitze rund, zum Ablösen von weichem Gewebe, leicht aufgebogen, 160 mm
Elevator, round edge, slightly curved, for dissection of soft tissue, 6 ¼ inch



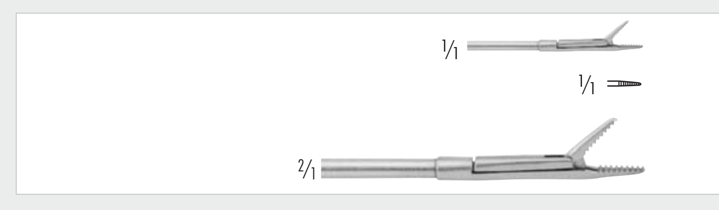
410-154-130 12x15mm Blatt, 130 mm
12x15mm plates, 5 1/8 inch
410-154-180 11x14 mm Blatt, 180 mm
11x14 mm plates, 7 inch
410-155-180 30x30mm Blatt, 180 mm
30x30mm plates, 7 inch
410-156-180 22x30mm Blatt, 180 mm
22x30mm plates, 7 inch

Implantate Presszange, glattes rechteckiges Maul
Vein graft, press forceps, smooth square jaws,

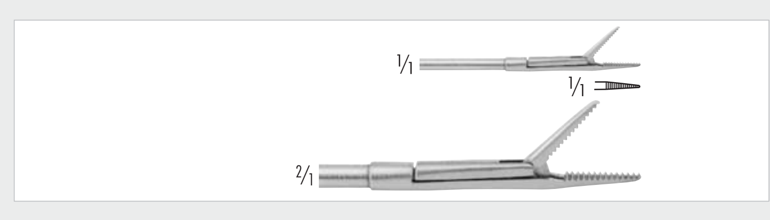




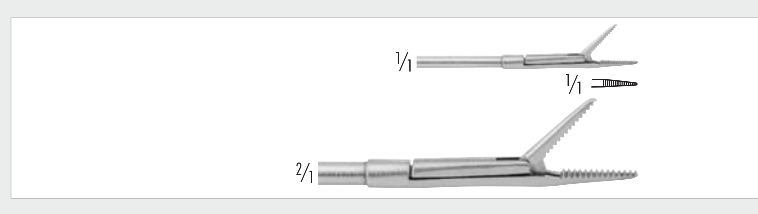
410-330-000 - 410-339-000
Mikro Faßzängchen, **Rohrschaft**
Micro aural forceps with **tubular shaft**



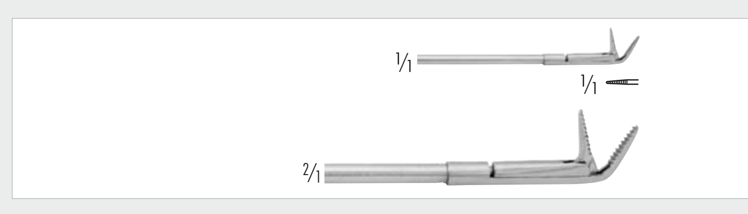
410-330-000 0,8 x 3,5 mm
gerade
straight



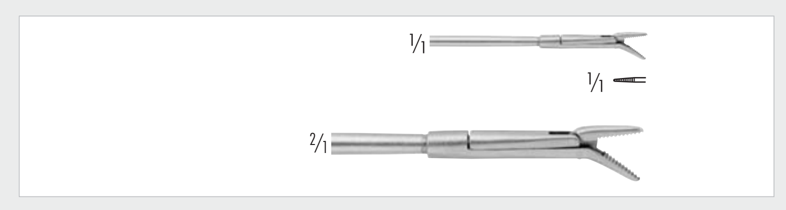
410-335-000 1 x 5 mm
gerade
straight



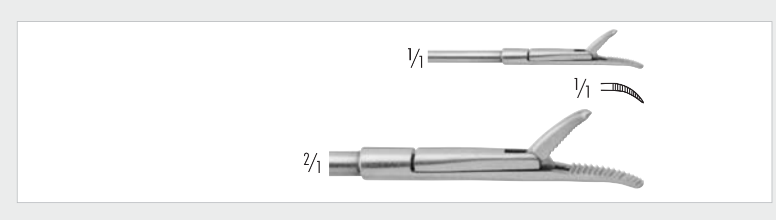
410-321-000 1,5 x 6,0 mm
gerade
straight



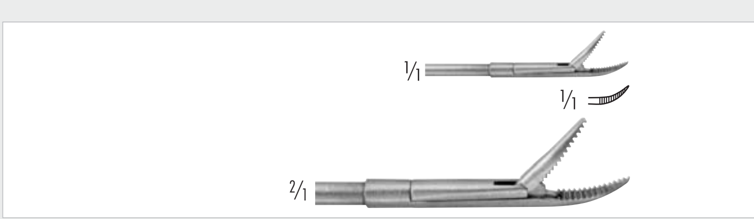
410-330-200 0,8 x 3,5 mm
65° nach oben gebogen
curved up 65°



410-332-000 0,8 x 3,5 mm
45° nach unten gebogen
curved down 45°

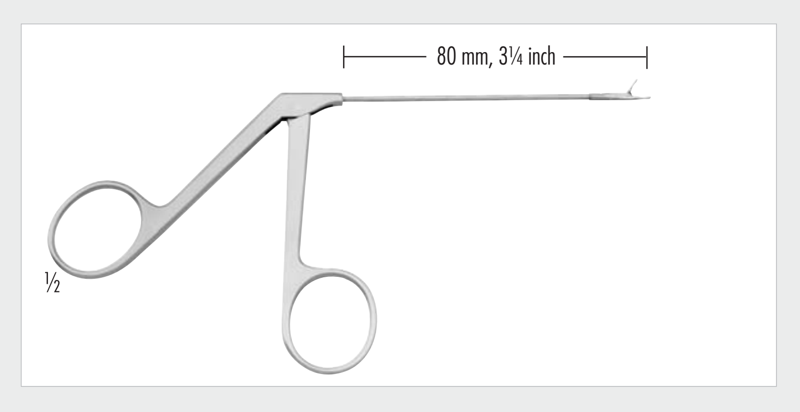


410-339-000 1 x 5 mm
rechts gebogen
curved to the right

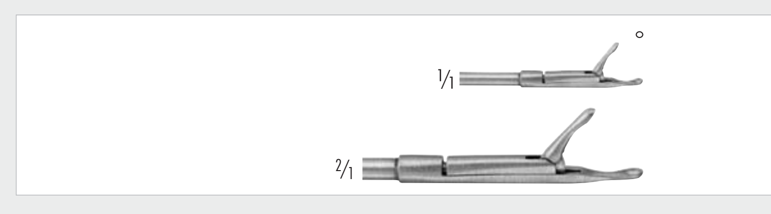


410-338-000 1 x 5 mm
inks gebogen
curved to the left

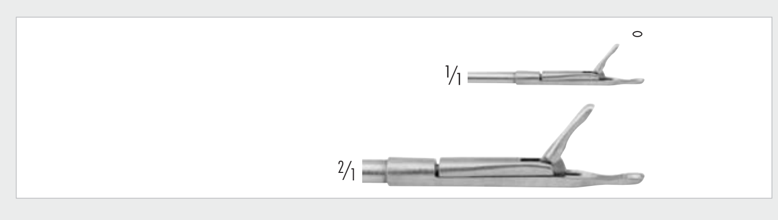




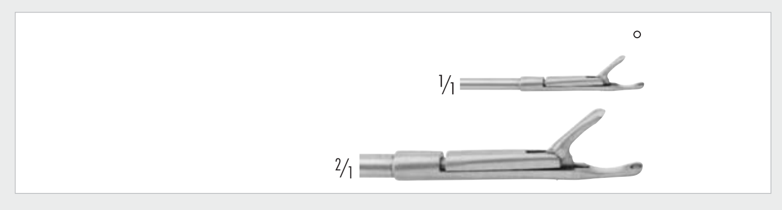
410-341-000 - 410-348-000
Mikro-Löffelzängchen, **Rohrschaft**
Micro cupped forceps with **tubular shaft**



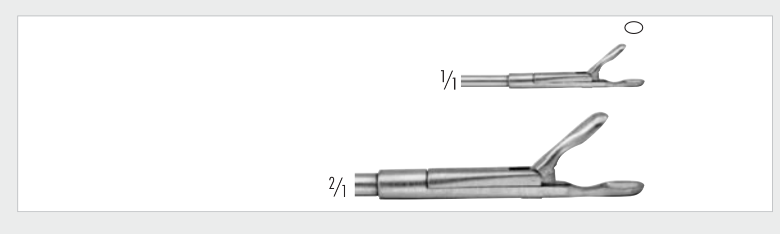
410-341-000 0,9 x 1,0 mm
gerade, Löffel oval
straight, oval cup



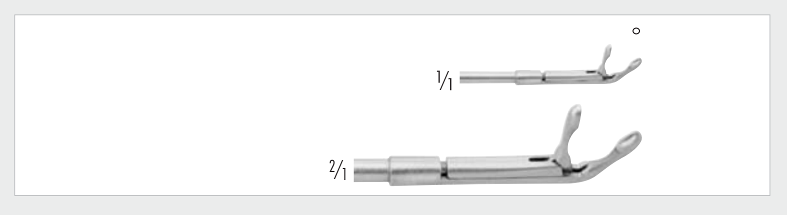
410-345-000 0,8 x 1,3 mm
WULLSTEIN
gerade, Löffel oval
straight, oval cup



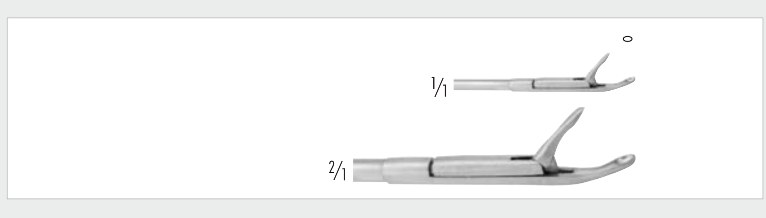
410-346-000 ∅ 1,0 mm
WULLSTEIN
gerade, Löffel rund
straight, round cup



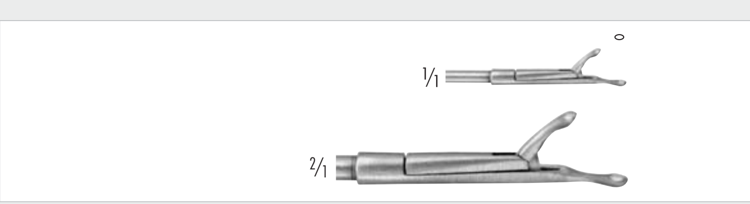
410-348-000 1,7 x 2,5 mm
WULLSTEIN
gerade, Löffel oval
straight, oval cup



410-342-000 0,9 x 1,0 mm
gebogen, Löffel oval
curved up, oval cup

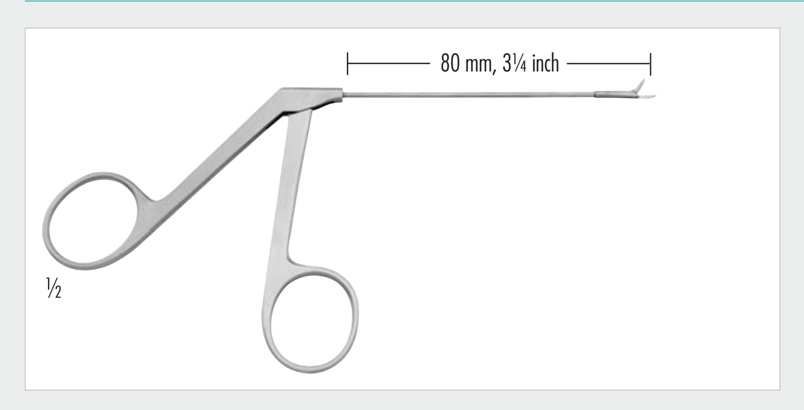


410-343-000 0,8 x 1,3 mm
WULLSTEIN
links gebogen, Löffel oval
curved to the left, oval cup

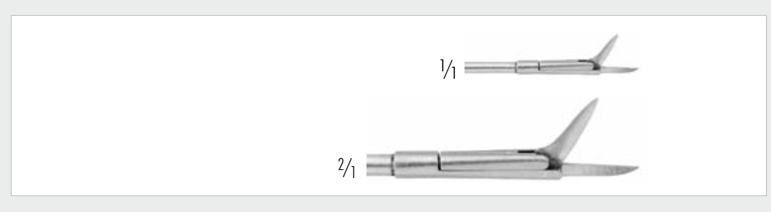


410-344-000 0,8 x 1,3 mm
WULLSTEIN
rechts gebogen, Löffel oval
curced to the right, oval cup

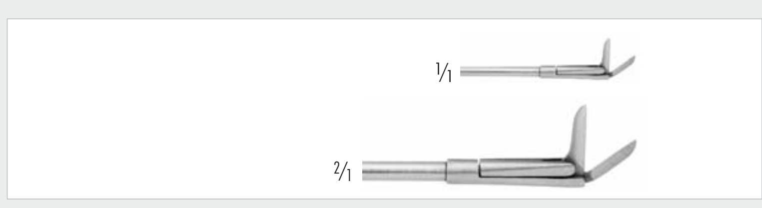




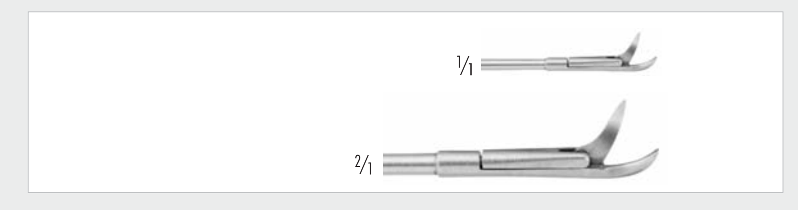
410-350-000 - 410-360-000
Mikro-Scherchen, Mikro-Stanzen,
Mikro-Drahtbiegezängchen, **Rohrschaft**
Micro scissors with, micro punches,
micro wire bending forceps, **tubular shaft**



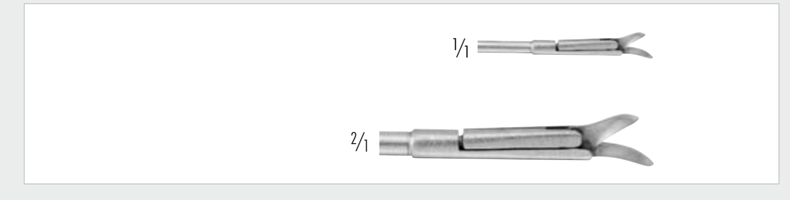
410-350-000 5mm
BELLUCCI
Mikro-Scherchen, gerade, spitz/spitz
Micro scissors, straight, sharp/sharp



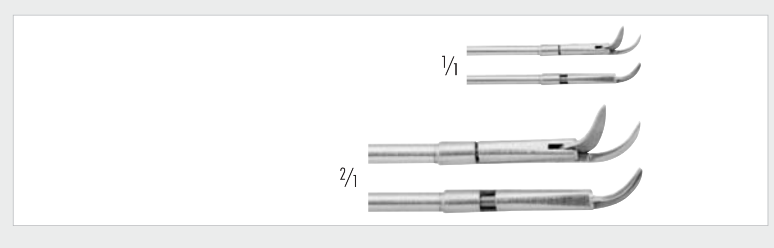
410-351-000 5mm
BELLUCCI
Mikro-Scherchen, nach oben gebogen, stumpf/stumpf
Micro scissors, curved up, blunt/blunt



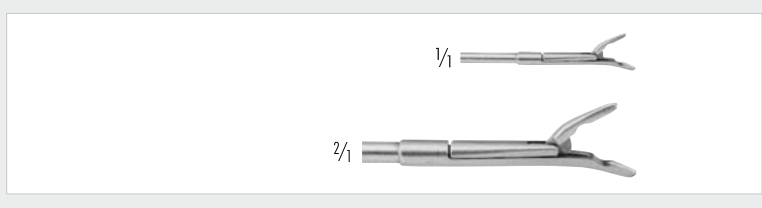
410-352-000 5mm
BELLUCCI
Mikro-Scherchen, nach links gebogen, spitz/spitz
Micro scissors, curved to the left, sharp/sharp



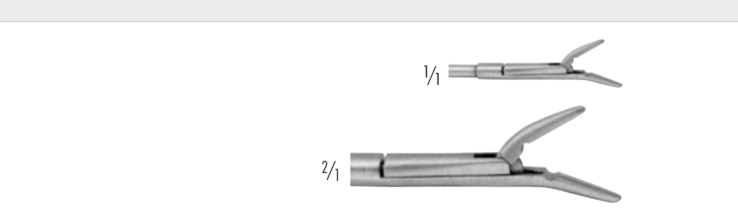
410-353-000 5mm
BELLUCCI
Mikro-Scherchen, nach rechts gebogen, spitz/spitz
Micro scissors, curved to the right, sharp/sharp



410-355-000
BELLUCCI
Mikro-Scherchen, horizontal schneidend
Micro scissors, horizontal cutting



410-359-000
MC GEE
Mikro-Drahtbiegezängchen, nach unten gebogen, Maullänge 3,5 mm
Wire bending forceps, curved down, jaw length 3.5 mm



410-360-000
MC GEE
Mikro-Drahtbiegezängchen, nach unten gebogen, Maullänge 5 mm
Wire bending forceps, curved down, jaw length 5 mm





410-208-100
SOFFERMANN
Nadelhalter mit Sperre, mit Schiebeschaft, kariertes Maul,
4,5 mm Maullänge, Arbeitslänge: 100 mm
Needle Holder with ratchet, with sliding shaft, serrated jaws,
4.5 mm long jaw, Working length: 4 inch



410-370-082 Rechts gebogen/offset right
410-370-081 Links gebogen/offset left
JUERS
Ohrzängchen, bajonettförmig, 6 mm Maullänge,
Arbeitslänge: 80 mm
Ear Forceps, bayonet shaped, 6 mm long jaws,
Working length: 3 ⅛ inch



410-335-800 4,5 mm langes Maulteil/4.5 mm long jaw
410-330-800 3,0 mm langes Maulteil/3.0 mm long jaw
410-335-700 4,5 mm langes Maulteil/4.5 mm long jaw glatt/smooth

Alligator Ohrzängchen, superfein, 0,8 mm breit,
Arbeitslänge: 80mm
Alligator Ear Forceps, extra fine, 0.8 mm wide,
Working length: 3 ⅛ inch



410-341-500 gerade/straight
410-343-500 links/left curved
410-344-500 rechts/right curved

Ohrzängchen ovaler Löffel, 0,9 mm breit
feines Modell, 4,5 mm Maullänge, Arbeitslänge: 80 mm
Ear Forceps with oval cups, 0.9 mm wide
fine model, 4.5 mm jaw length, Working length: 3 ⅛ inch



410-342-500 aufwärts/upwards curved
410-347-500 abwärts/down curved

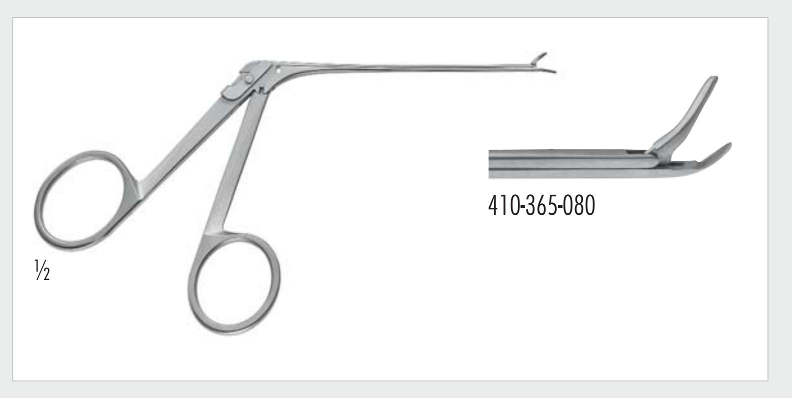
Ohrzängchen ovaler Löffel, 0,9 mm breit,
feines Modell, 4,5mm Maullänge, Arbeitslänge: 80 mm
Ear Forceps with oval cups, 0.9 mm wide,
fine model, 4.5mm jaw length, Working length: 3 ⅛ inch





410-341-800 gerade/straight
410-344-800 rechts gebogen/right curved
410-343-800 links gebogen/left curved
410-342-800 35° aufgebogen/35° upcurved

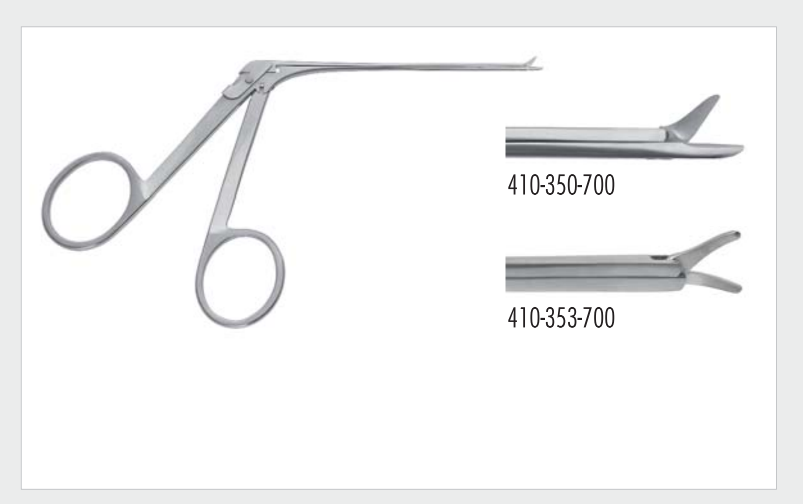
Löffelzängchen superfein, 0,6 mm Löffel, 4,5 mm langes Maulteil, Arbeitslänge: 80mm
Oval Cup Forceps, 0.6 mm wide spoon, 4.5 mm long jaw, Working length: 3 ⅛ inch



410-365-080 45° links/45° left
410-366-080 45° rechts/45° rechts

HOUGH

Seitenschneider, gewinkelt, feines Modell, Arbeitslänge: 80 mm
Crura Nipper Forceps, angled, fine model, Working length: 3 ⅛ inch

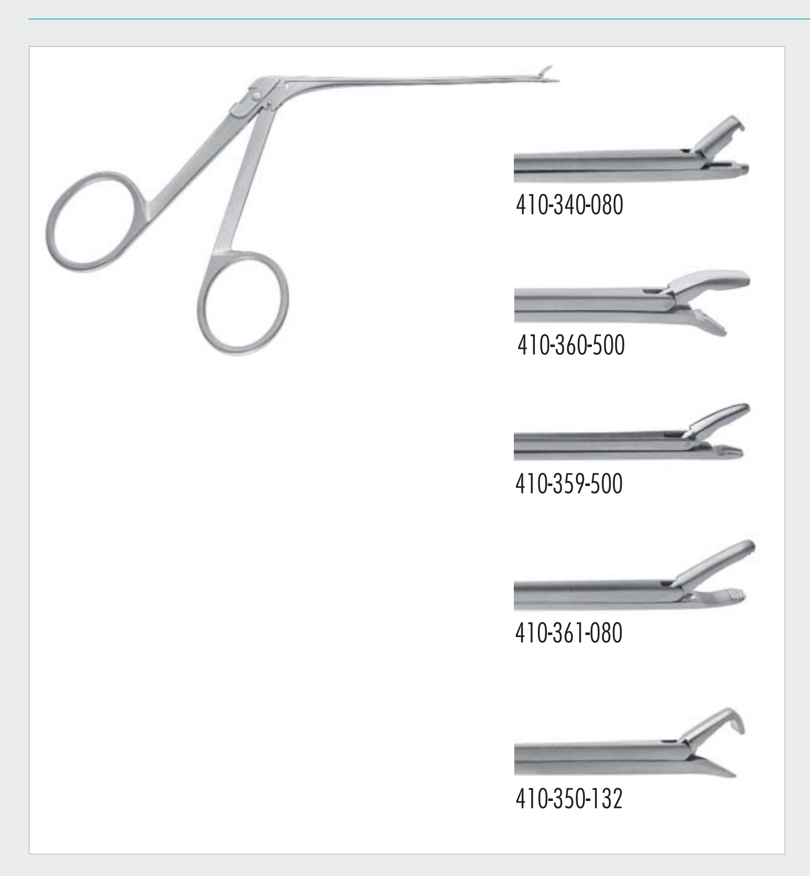


410-350-700 gerade/straight
410-353-700 rechts gebogen/right curved
410-352-700 links gebogen/left curved

HOUSE BELLUCCI

Ohrscherchen, feines Modell, 4,5 mm Schneide, Arbeitslänge: 80 mm
Ear Scissors, fine model, 4.5 mm blade, straight, 3 ⅛ inch





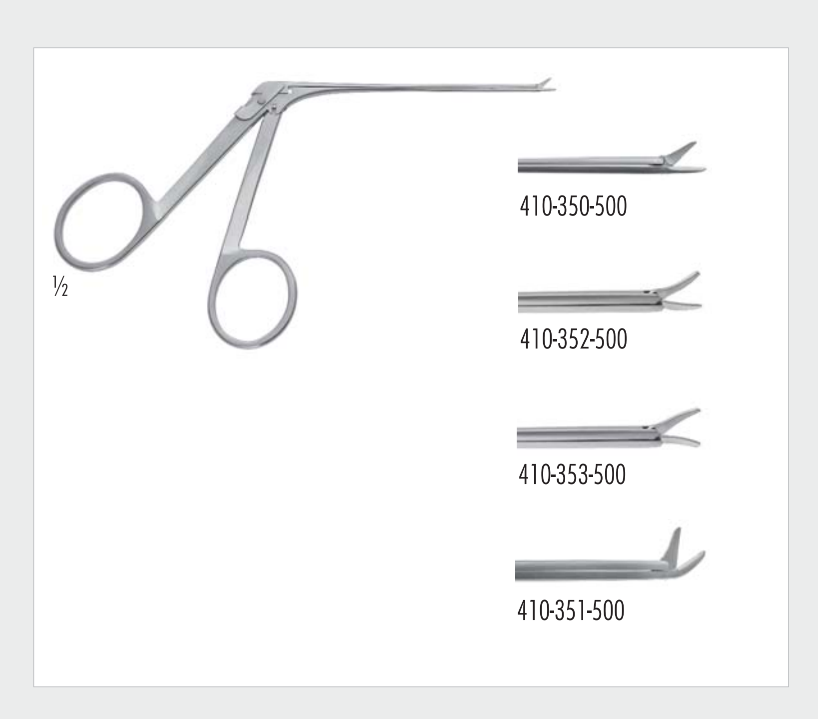
410-340-080
VENT
Tube Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Tube Forceps, fine model, Working length: 3 ⅛ inch

410-360-500
McGEE
Drahtschließzängchen, großes Modell, Arbeitslänge: 80 mm
Malleus Crimper, large model, Working length: 3 ⅛ inch

410-359-500
McGEE
Drahtschließzängchen, superfeines Modell, Arbeitslänge: 80 mm
Malleus Crimper, super-fine model, Working length: 3 ⅛ inch

410-342-800
GREVEN
Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Ear Forceps, fine model, Working length: 3 ⅛ inch

410-350-132
KOS
Ohrzängchen, feines Modell, Arbeitslänge: 80 mm
Ear Forceps, fine model, Working length: 3 ⅛ inch



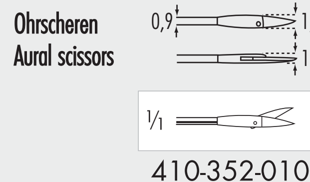
410-350-500 gerade/straight
410-352-500 links gebogen/left curved
410-353-500 rechts gebogen/right curved
410-351-500 35° aufgebogen/35° upcurved
HOUSE BELLUCCI
Ohrscherchen, mittleres Modell, 5,0 mm Schneide,
Arbeitslänge: 87 mm
Ear Scissors, middle model, 5.0 mm blade length,
Working length: 3 ⅛ inch



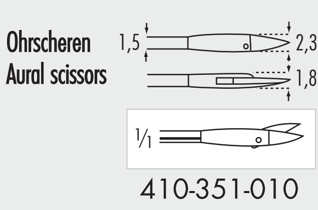


Ohrscherchen, **Rohrschaft**
Aural scissors, **tubular shaft**

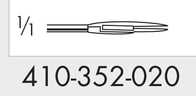
Ohrscheren
Aural scissors

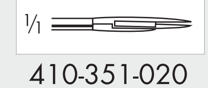


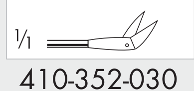
Ohrscheren
Aural scissors

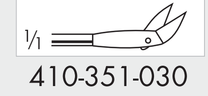


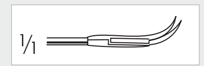
Ohrscheren	Ohrscheren	
410-352-010	410-351-010	gerade straight
410-352-020	410-351-020	gerade horizontal straight horizontal
410-352-030	410-351-030	aufgebogen angled up
410-352-040	410-351-040	aufgebogen horizontal angled up horizontal
410-352-050	410-351-050	rechts gebogen curved right
410-352-060	410-351-060	links gebogen curved left

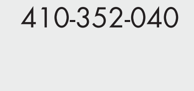


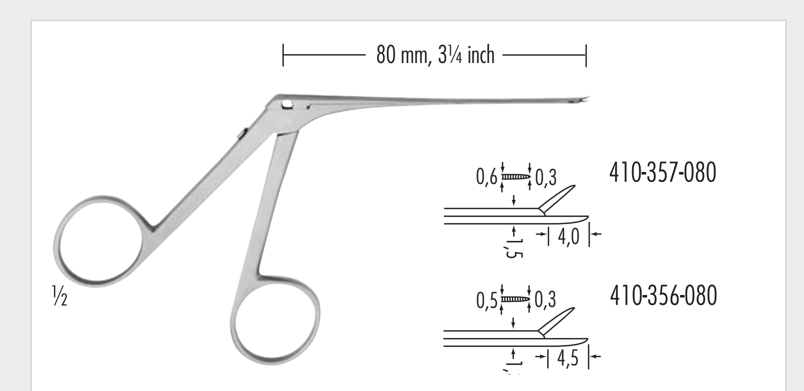








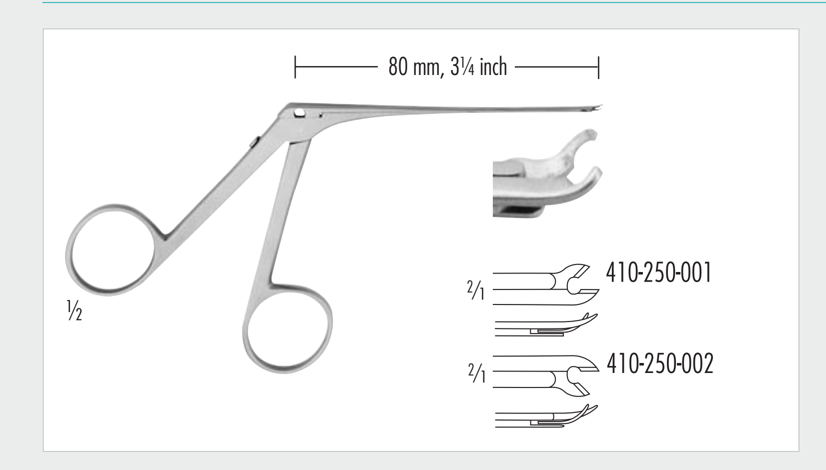




410-357-080 0,6 x 4 mm
410-356-080 0.5 x 4.5 mm, Schafthöhe 1,3 mm
thickness of shaft 1.3 mm

FISCH
Mikro Ohrfasszange, extra zart, gerade, gerieft,
Schafthöhe 1,5 mm, 80 mm Arbeitslänge,
Micro aural forceps, very delicate, straight, serrated,
thickness of shaft 1.5 mm, 3 ¼ inch working length





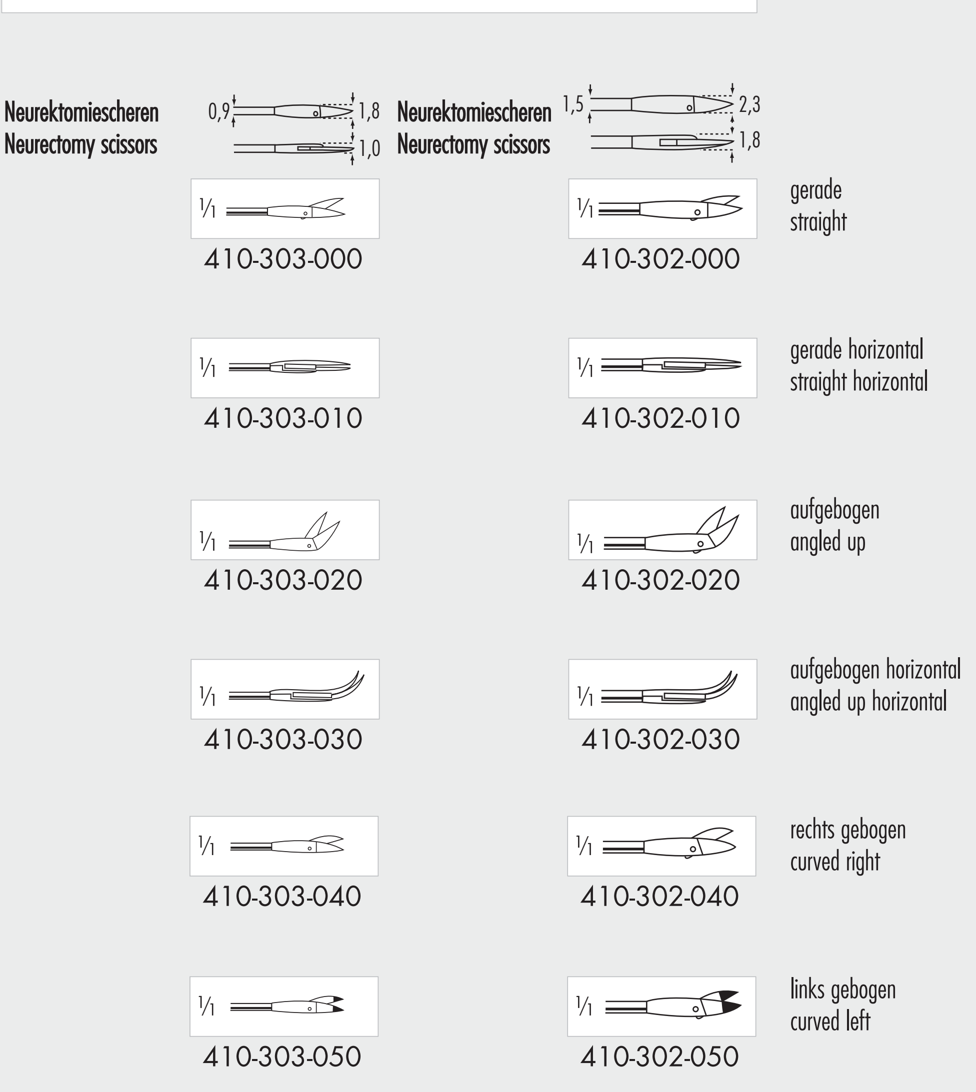
410-250-001 nach rechts gebogen/curved to right
410-250-002 nach links gebogen/curved to left

FISCH

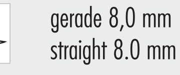
Crurotomie Scherchen, Arbeitslänge 80 mm
Crurotomy scissors, working length 3 ¼ inch



410-302-000
Neurektomie Schere, 160 mm
Neurectomy scissors, 6 ¼ inch



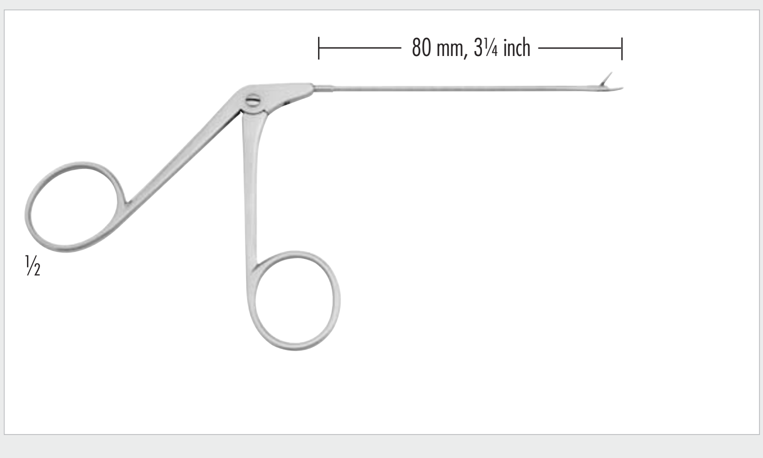
Neurektomiescheren / Neurectomy scissors (0,9 – 1,8 / 1,0)	Neurektomiescheren / Neurectomy scissors (1,5 – 2,3 / 1,8)	
410-303-000	410-302-000	gerade straight
410-303-010	410-302-010	gerade horizontal straight horizontal
410-303-020	410-302-020	aufgebogen angled up
410-303-030	410-302-030	aufgebogen horizontal angled up horizontal
410-303-040	410-302-040	rechts gebogen curved right
410-303-050	410-302-050	links gebogen curved left



410-302-060

gerade 8,0 mm
straight 8.0 mm





Ohrzängchen, **Rohrschaft**, Rohr 0,9 mm, Maul 1,8 mm
Aural forceps, **tubular shaft**, tube 0.9 mm, jaws 1.8 mm

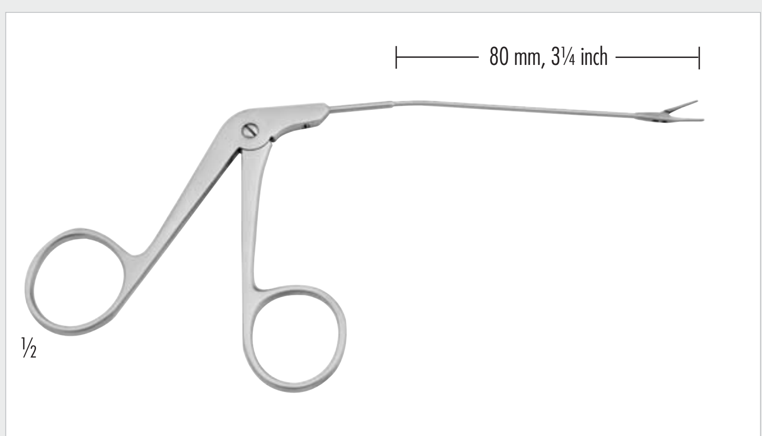
Ohrzangen
Aural forceps

1 x 2 Zahn / 1 x 2 teeth	gerieftes Maul / serrated jaws	Alligator Maul / alligator jaws	
1/1 410-343-100	1/1 410-341-100	1/1 410-340-100	gerade / straight
1/1 410-343-200	1/1 410-341-200	1/1 410-340-200	aufgebogen / angled up
	1/1 410-341-300	1/1 410-340-300	rechts gebogen / curved right
	1/1 410-341-400	1/1 410-340-400	links gebogen / curved left

Löffelzangen
Cup-shaped forceps

∘ 1 mm Ø	oval / oval	
1/1 410-340-110	1/1 410-340-210	gerade / straight
1/1 410-340-120	1/1 410-340-220	aufgebogen / angled up
1/1 410-340-130	1/1 410-340-230	rechts gebogen / curved right
1/1 410-340-140	1/1 410-340-240	links gebogen / curved left





Ohrzängchen, **Rohrschaft**, Schaft 1,5 mm, Maul 2,3 mm
Aural forceps, **tubular shaft**, shaft 1.5 mm, jaws 2.3 mm

1,5 · 2,3 · 1,8

Ohrzangen
Aural forceps

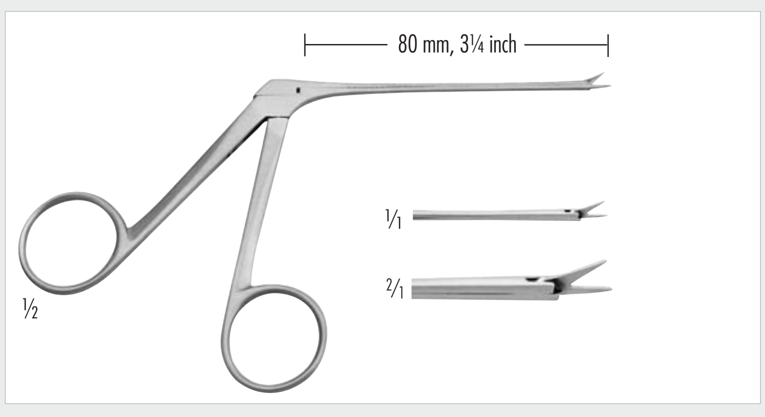
1 x 2 Zahn 1 x 2 teeth	gerieftes Maul serrated jaws	Alligator Maul alligator jaws	
1/1 410-342-100	1/1 410-342-110	1/1 410-342-210	gerade straight
1/1 410-342-200	1/1 410-342-120	1/1 410-342-220	aufgebogen angled up
	1/1 410-342-130	1/1 410-342-230	rechts gebogen curved right
	1/1 410-342-140	1/1 410-342-240	links gebogen curved left

Löffelzangen
Cup-shaped forceps

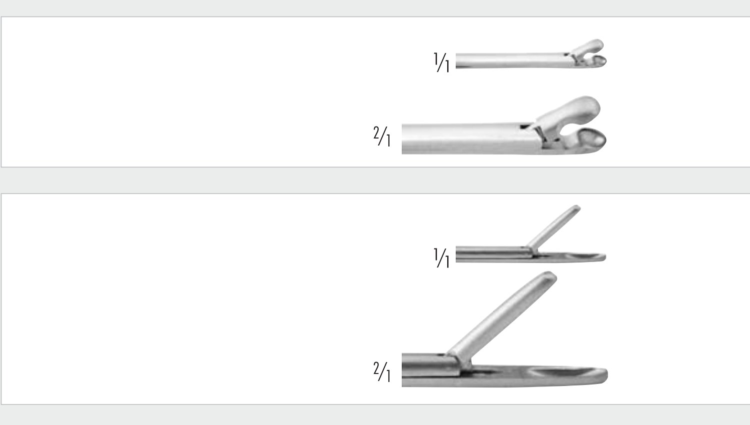
∘ 1 mm ∅	○ 1,5 mm ∅	○ 2 mm ∅	○ 2,5 mm ∅	oval ⬭ 1,5 x 0,8 mm ovale ⬭ 1.5 x 0.8 mm	
1/1 410-343-110	1/1 410-343-210	1/1 410-343-310	1/1 410-343-410	1/1 410-343-510	gerade straight
1/1 410-343-120	1/1 410-343-220	1/1 410-343-320	1/1 410-343-420	1/1 410-343-520	aufgebogen angled up
1/1 410-343-130	1/1 410-343-230	1/1 410-343-330	1/1 410-343-430	1/1 410-343-530	rechts gebogen curved right
1/1 410-343-140	1/1 410-343-240	1/1 410-343-340	1/1 410-343-440	1/1 410-343-540	links gebogen curved left



Schieberschaft Instrumente/Sliding shaft Instruments

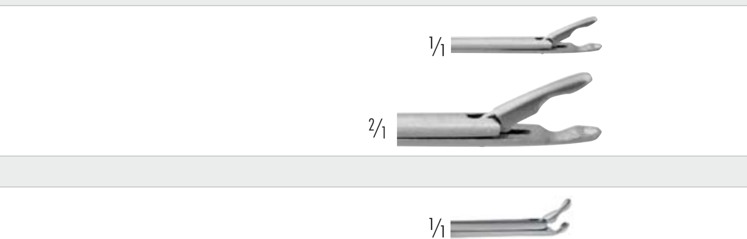


410-354-000 4,0 mm x 1,5 mm
CAWTHORNE
Mikro-Ohrscherchen, gerade, spitz/spitz
Micro scissors, straight, sharp/sharp



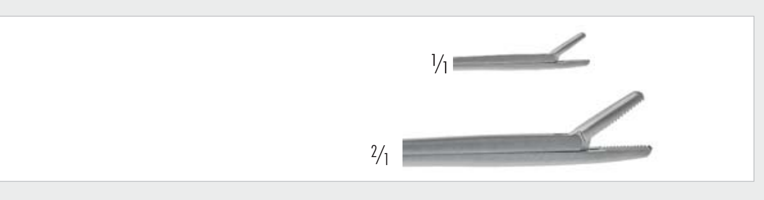
410-423-000 ∅ 4 mm
ORMEROD
Mikro-Löffelzängchen, gerade, Löffel rund
Micro cupped forceps, straight, round cup

410-424-000 5 mm x 1 mm
ORMEROD
Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup

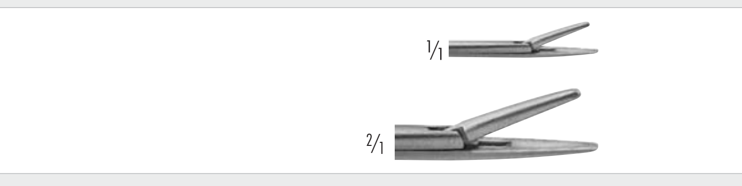


410-349-000 4,0 mm x 0,8 mm
SHEA
Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup

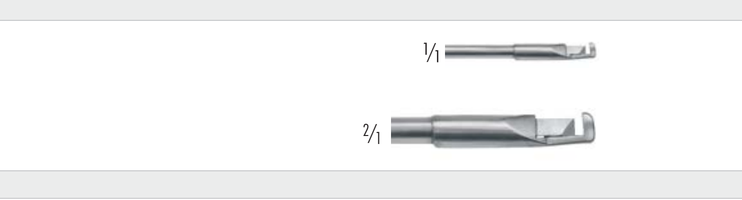
410-349-130 0,6 mm x 1,0 mm
HOUSE
Ohrzängchen, 15° abgewinkelt nach links
Ear Forceps, 15° angled left



410-329-000 1 mm x 5 mm
HOUGH
Mikro-Ohrzängchen, gerade, gerieftes Maul
Micro Alligator forceps, straight, serrated jaws



410-334-000 1,25 mm x 7,0 mm
CAWTHORNE
Mikro-Ohrzängchen, gerade, glattes Maul
Micro Alligator forceps, straight, smooth jaws

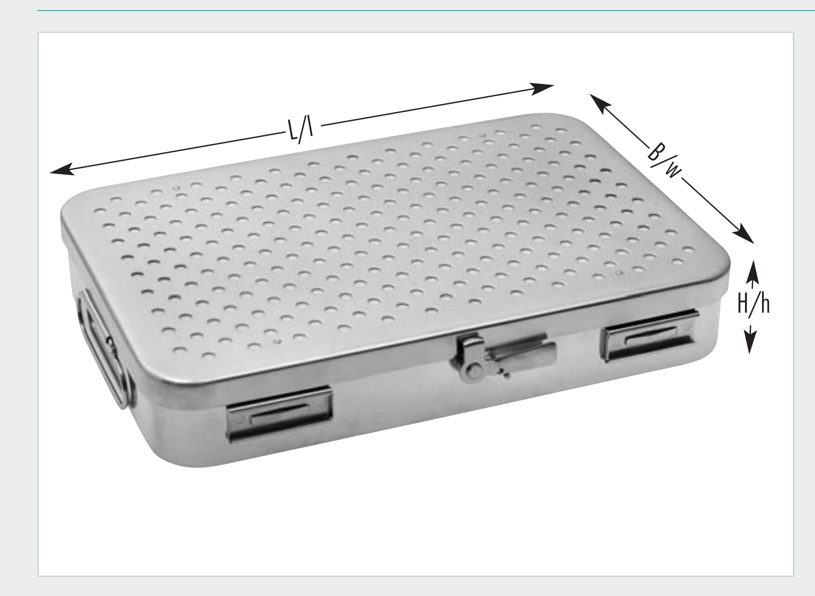


410-300-000
HOUSE-DIETER
Mikro-Stanze, nach oben schneidend
Malleus nipper, upwards cutting



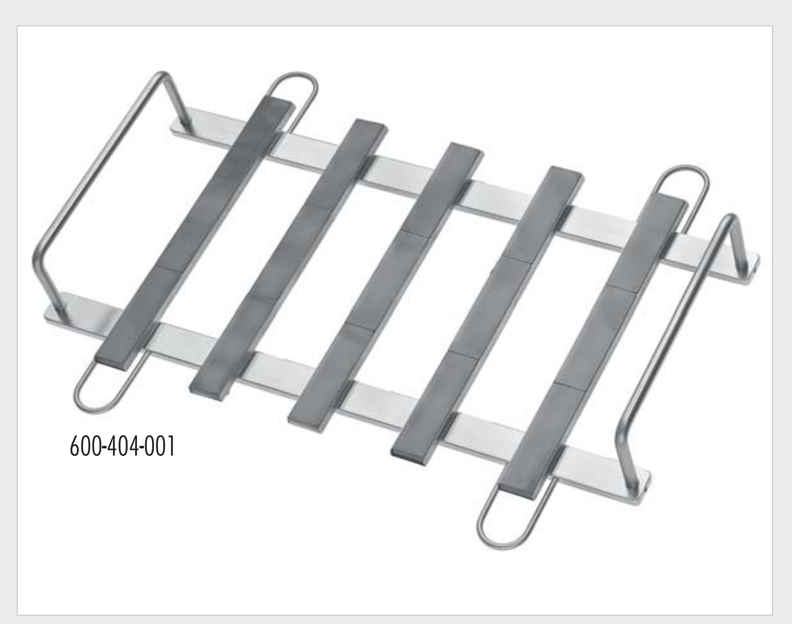
410-301-000
HOUSE-DIETER
Mikro-Stanze, nach unten schneidend
Malleus nipper, downwards cutting





600-405-420 420mm x 175mm x 75mm
600-405-300 300mm x 200mm x 75mm
600-400-300 300mm x 200mm x 50mm
600-400-200 200mm x 100mm x 40mm
600-400-270 270mm x 235mm x 50mm
600-400-230 230mm x 130mm x 50mm

Metalletui, gelocht, mit abnehmbarem Deckel,
mit Textilfilter, Länge x Breite x Höhe
Metall case, detachable lid, with textile filter,
length x width x height



600-404-001 280mm x 190mm
Magnetrahmen, mit 2 Griffen und 5 Magnetleisten,
in Metalletui 600-400-300 + 600-405-300 passend
Magnet frame, 2 handles and 5 magnetic bars

600-404-003 220mm x 150mm
dito, mit 4 Magnetleisten, ohne Griffe und seitlichen Bügeln
same, 4 magnetic bars, without handles and lateral u-bolts

600-406-003 480mm x 240mm
dito, ohne Griffe, mit 3 Magnetleisten
same, without handles and 3 magnetic bars

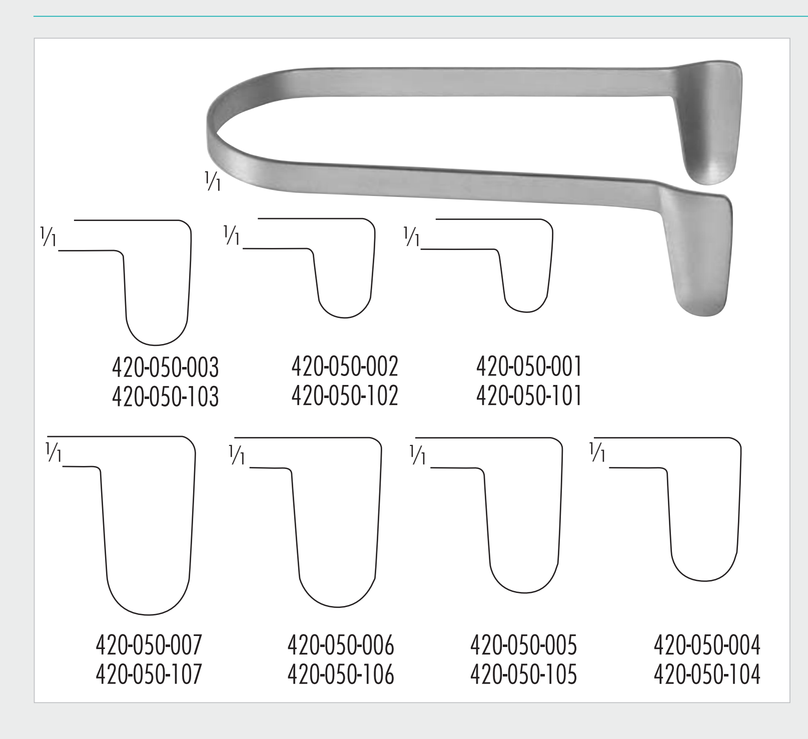


Innenmaße/inner dimension
600-402-140 200 x 140 x 45mm
600-402-195 280 x 195 x 45mm
600-402-255 265 x 255 x 45mm
600-402-260 380 x 260 x 45mm
Mikro Container mit Deckel- und Bodenlochung, mit Textil-Langzeitfilter
für Dampfsterilisation, TÜV-geprüft, Einfach Lagerung
Micro container with lid and bottom perforation, with textile
«Longterm» filter, steam sterilization, TÜV-approved,
single bearing system

RHINOLOGY

Instruments and
Equipment for
Rhinology





420-050-001 8,5 x 6,0 mm
420-050-002 9,0 x 7,0 mm
420-050-003 12,5 x 8,0 mm
420-050-004 15,0 x 8,5 mm
420-050-005 16,5 x 9,0 mm
420-050-006 18,0 x 10,0 mm
420-050-007 19,5 x 10,5 mm

THUDICHUM (MARK HOVELL)
Nasenspekulum, 70 mm
Nasal specula

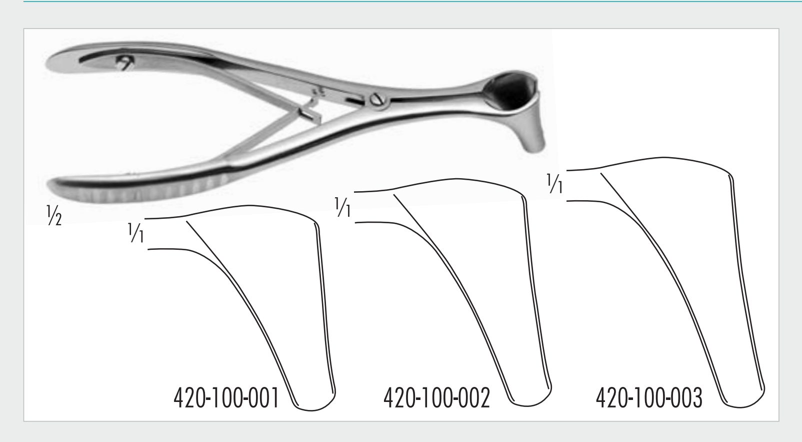
420-050-101 8,5 x 6,0 mm
420-050-102 9,0 x 7,0 mm
420-050-103 12,5 x 8,0 mm
420-050-104 15,0 x 8,5 mm
420-050-105 16,5 x 9,0 mm
420-050-106 18,0 x 10,0 mm
420-050-107 19,5 x 10,5 mm
Nasenspekulum, **isoliert**, 70 mm
Nasal specula, **insulated**



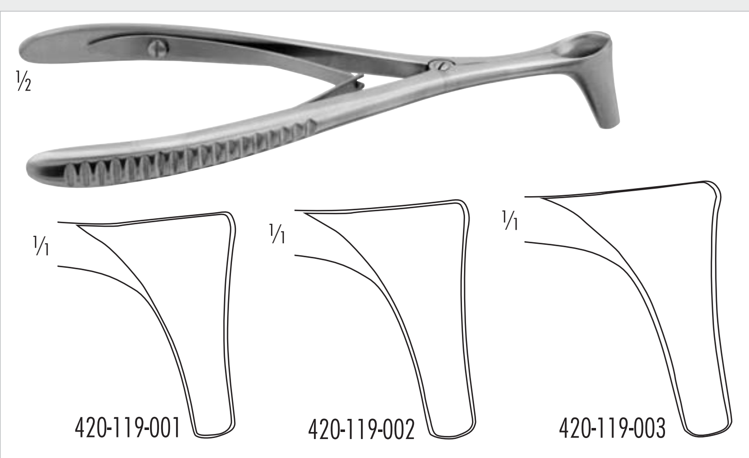
420-052-001 38 mm
420-052-002 50 mm
420-052-003 65 mm
420-052-004 75 mm

ST CLAIR THOMPSON
Nasenspekulum, 73 mm
Nasal specula, 2 ½ inch

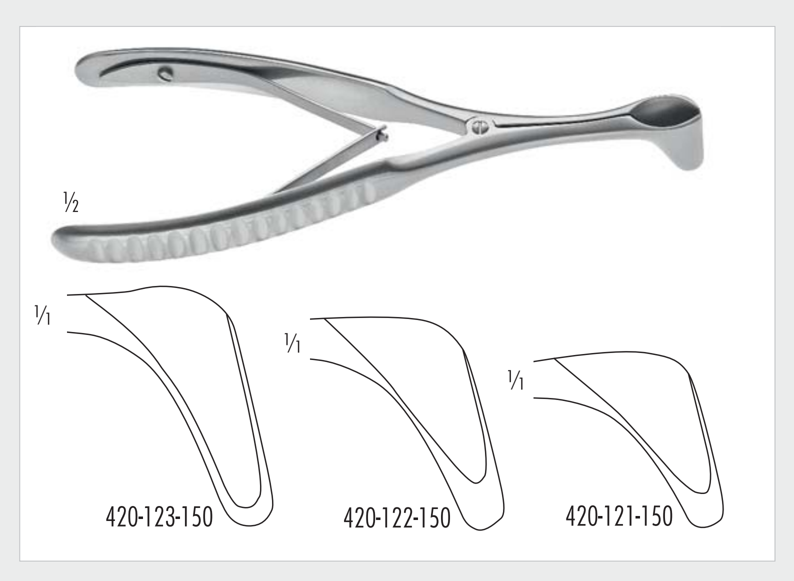




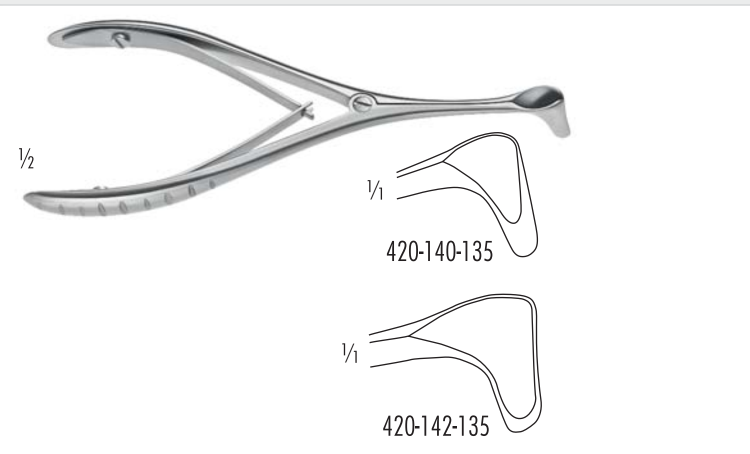
420-100-001 Fig.1 27 x 7 mm
420-100-002 Fig.2 30 x 7 mm
420-100-003 Fig.3 33 x 7 mm
Wiener Modell Nasenspekulum, 130 mm
Vienna pattern nasal specula, 5 inch



420-119-001 29 x 7 mm
420-119-002 33 x 7 mm
420-119-003 35 x 7 mm
HARTMANN
Nasenspekulum, 160 mm
Nasal specula, 6 ¼ inch

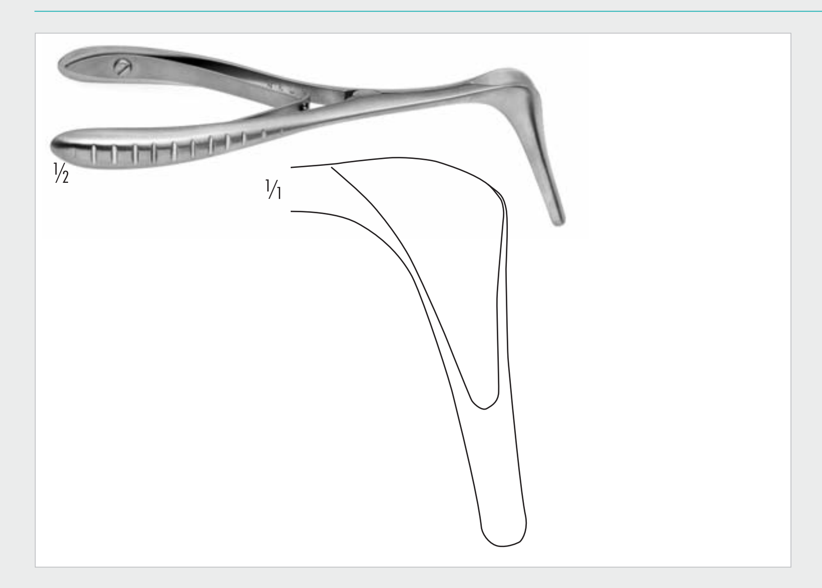


420-121-150 21 mm
420-122-150 31 mm
420-123-150 35 mm
HARTMANN-HALLE
Nasenspekulum, 155 mm
Nasal specula, 6 inch

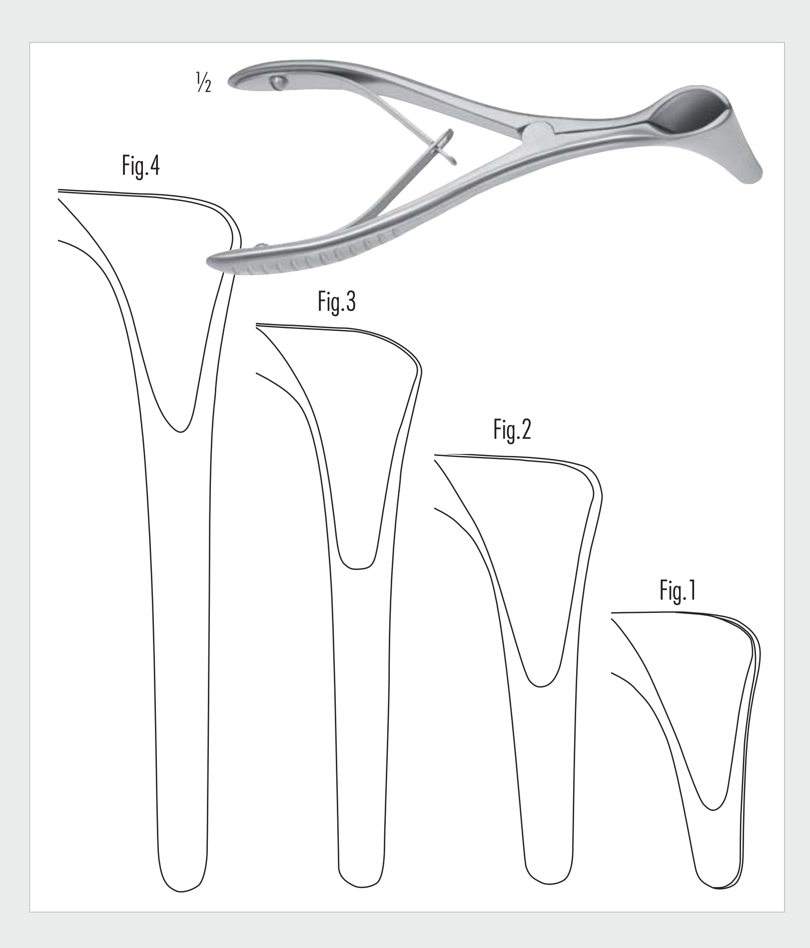


420-140-135 klein/small
420-142-135 groß/large
TIECK-HALLE
Nasenspekulum, Kindermodelle, 135 mm
Nasal specula, pediatric pattern, 5 ¼ inch





420-134-050 50 x 6 mm
COTTLE
Septumspekulum, leicht spitz zulaufend
Septum specula, slightly tapered blades



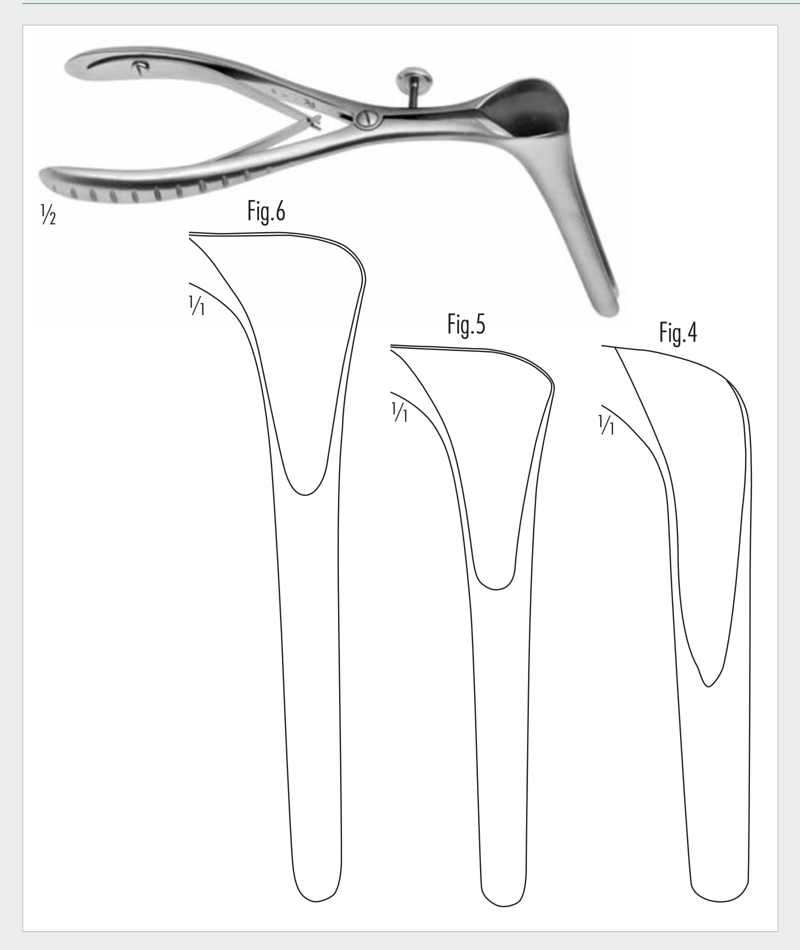
420-145-036	Fig.1	36 x 7 mm
420-145-056	Fig.2	56 x 7 mm
420-145-075	Fig.3	75 x 7 mm
420-145-090	Fig.4	90 x 7 mm

KILLIAN
Nasenspekulum, 145 mm
Septum specula, 5 ¾ inch



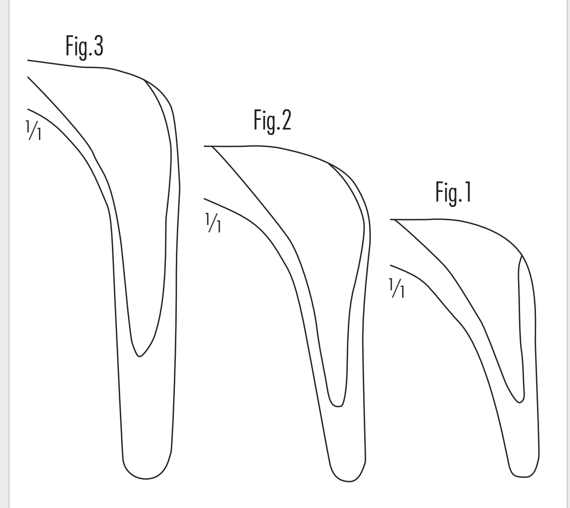
420-744-055 55 mm
420-744-075 75 mm
420-744-090 90 mm
KILIAN
Nasenspekulum, mit abnehmbarem Kaltlichtträger, 130 mm
Nasalspeculum, with detachable cold light carrier, 5 inch

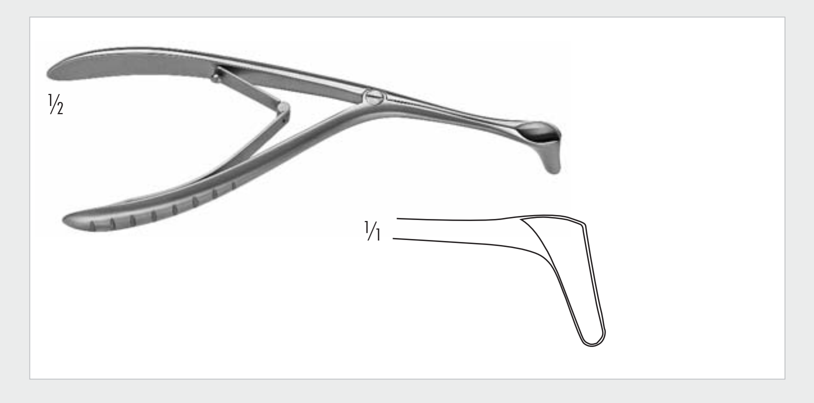




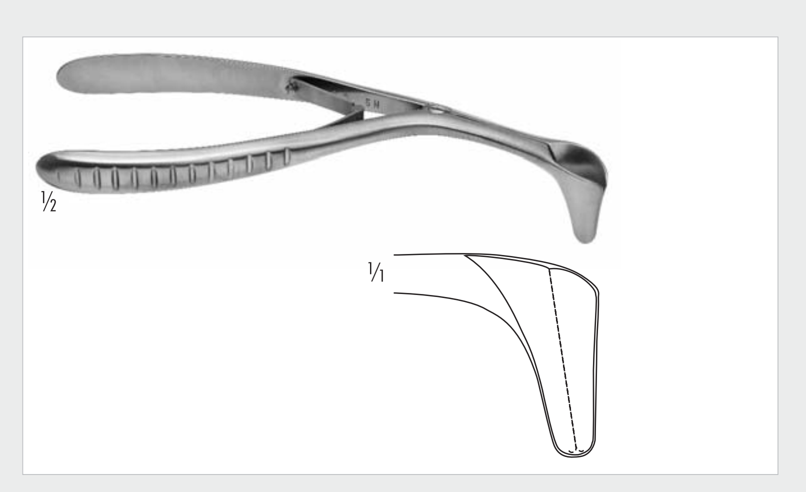
420-136-020	Fig.1	20 mm
420-136-035	Fig.2	38 mm
420-136-055	Fig.3	55 mm
420-136-070	Fig.4	70 mm
420-136-080	Fig.5	80 mm
420-136-090	Fig.6	90 mm

COTTLE
Nasenspekula mit Stellschraube, 135 mm
Nasal specula with set-screw, 5 ¼ inch





420-147-140
BECKMANN
Nasenspekula, Kindermodell, seitwärts gebogen, 150 mm
Nasal specula, pediatric pattern, curved sidewards, 6 inch



420-148-150
BECKMANN
Nasenspekula, seitwärts gebogen, 150 mm
Nasal specula, curved sidewards, 6 inch





420-140-035 35mm Blattlänge/blade length
420-140-050 50mm Blattlänge/blade length
420-140-075 75mm Blattlänge/blade length
420-140-090 90mm Blattlänge/blade length
420-140-100 100mm Blattlänge/blade length

COTTLE MASING

Nasenspekula für flexiblen Spannarm, mit Stellschraube
Nasal Specula for flexible arm



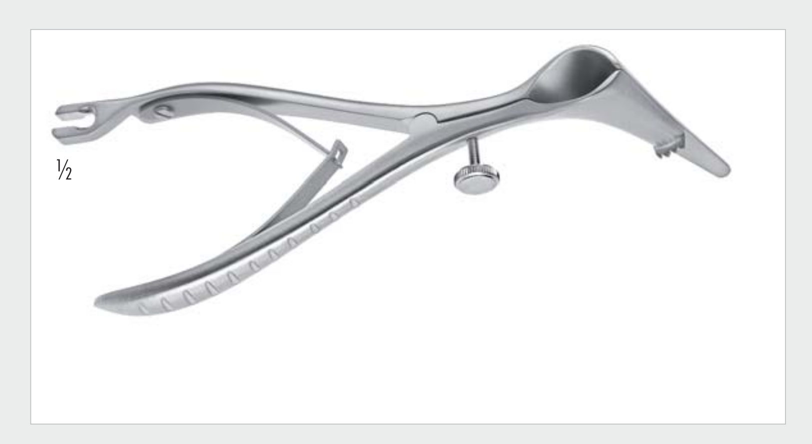
420-150-101 links/left 55mm, rechts/right 35mm
420-150-102 links/left 35mm, rechts/right 55mm
420-150-105 links/left 75mm, rechts/right 35mm
420-150-106 links/left 35mm, rechts/right 75mm
420-150-107 links/left 75mm, rechts/right 52mm
420-150-108 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Stellschraube
Sinus Specula for use with flexible arm, with set screw



420-150-301 links/left 25mm, rechts/right 18mm
420-150-302 links/left 18mm, rechts/right 25mm

Kinder Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube
Children Sinus Specula for use with flexible arm, with teeth, with set screw



420-150-001 links/left 55mm, rechts/right 35mm
420-150-002 links/left 35mm, rechts/right 55mm
420-150-003 links/left 65mm, rechts/right 45mm
420-150-004 links/left 45mm, rechts/right 65mm
420-150-005 links/left 75mm, rechts/right 35mm
420-150-006 links/left 35mm, rechts/right 75mm
420-150-007 links/left 75mm, rechts/right 52mm
420-150-008 links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube
Sinus Specula for use with flexible arm, with teeth, with set screw

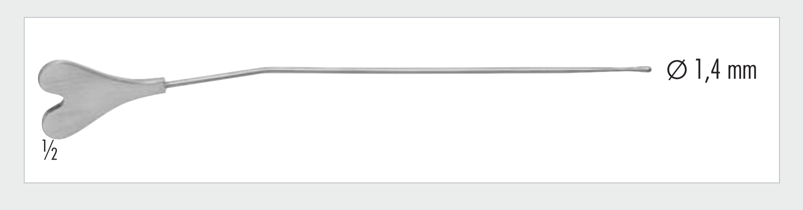


420-150-201 links/left 55mm, rechts/right 45mm
420-150-202 links/left 45mm, rechts/right 55mm
420-150-203 links/left 65mm, rechts/right 45mm
420-150-204 links/left 45mm, rechts/right 65mm
420-150-205 links/left 75mm, rechts/right 45mm
420-150-206 links/left 45mm, rechts/right 75mm

KILLIAN STRYKEN

Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube
Sinus Specula for use with flexible arm, with teeth, with set screw

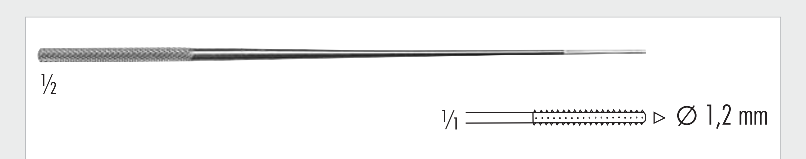




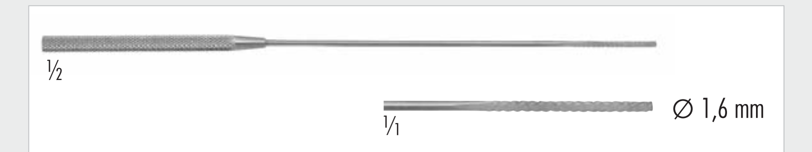
420-150-160
Nasensonde, kniegebogen, 160 mm
Nasal probe, knee angled, 6 ¼ inch



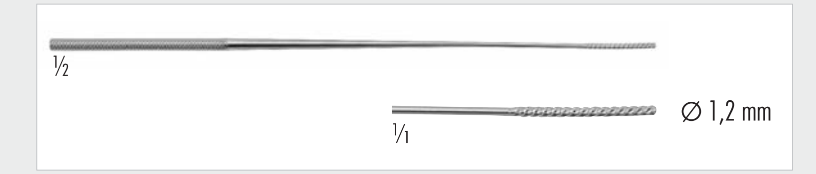
420-150-165
KILLIAN
Nasensonde, leicht gebogen, 165 mm
Nasal probe, slightly curved, 6 ½ inch



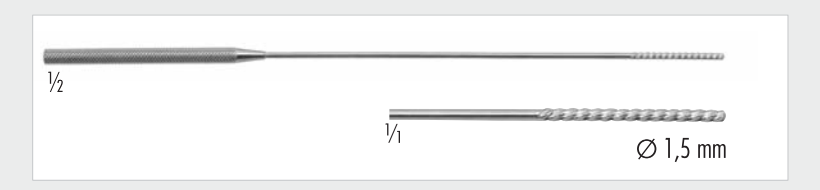
160-426-165 ∅ 1,2 mm
LATHBURY-FARRELL
Nasenwatteträger, Arbeitsende dreikant gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 ¼ inch



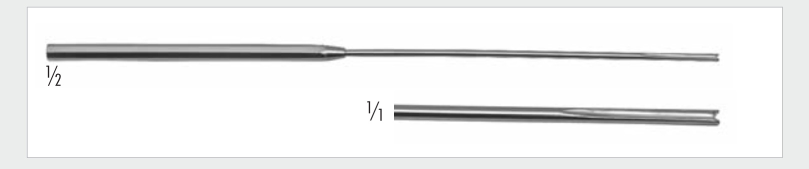
160-426-160 ∅ 1,6 mm
Nasenwatteträger, Arbeitsende dreikant gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 ¼ inch



160-420-165 ∅ 1,2 mm
FARREL
Nasenwatteträger, Arbeitsende spiralförmig gerieft, 160 mm
Nasal applicator, rough spiral end, 6 ¼ inch



160-412-180 ∅ 1,5 mm
160-411-180 ∅ 1,8 mm
Nasenwatteträger, Arbeitsende spiralförmig gerieft, 180 mm
Nasal applicator, rough spiral end, 7 inch



420-150-180
SIEBENMANN
Nasenstopfer, 180 mm
Nasal plugger, 7 inch

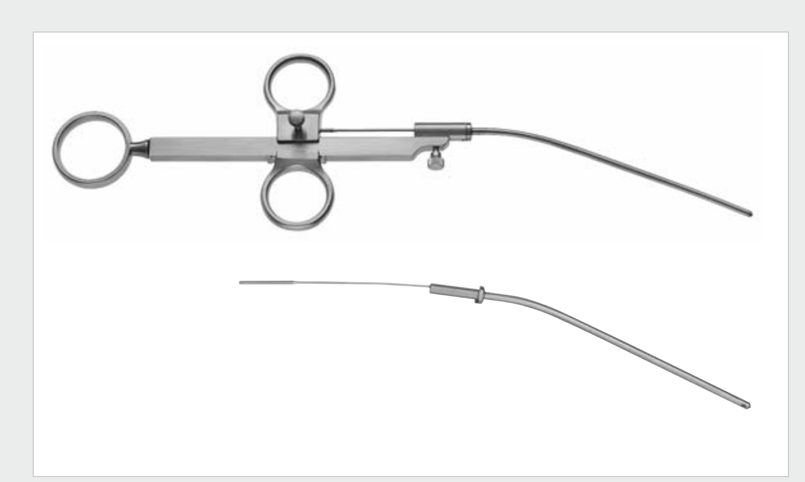




420-413-230
LANGE
Choanenhaken, 230 mm
Choana hook, 9 ½ inch



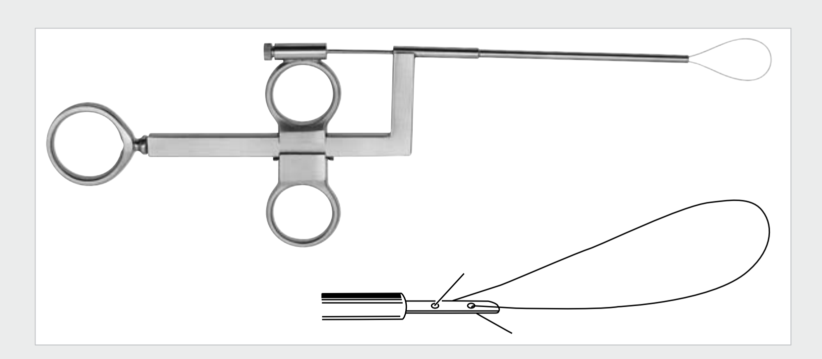
420-201-260
KRAUSE
Nasenpolypenschnürer, kniegebogen, 250 mm
Nasal polypus snare, knee bent, 10 inch



420-202-260
KRAUSE-VOSS
Nasenpolypenschnürer, kniegebogen, kompl. mit Rohraufsatz vertikal, Rohraufsatz horizontal, 250 mm
Nasal polypus snare, knee bent, complete with tube vertical, tube horizontal, 10 inch

420-202-261
Rohraufsatz mit Innenführung, vertikal
Tube with inner guide wire, vertical

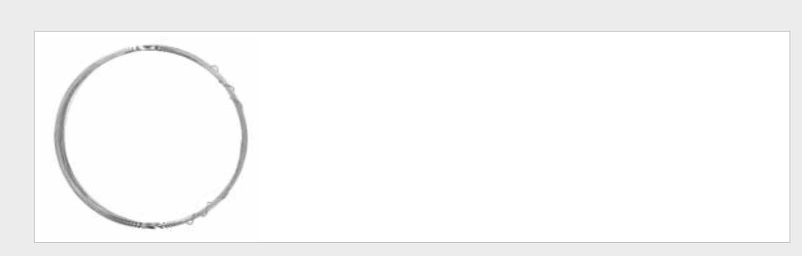
420-202-262
Rohraufsatz mit Innenführung, horizontal
Tube with inner guide wire, horizontal



410-270-250
WILDE
Nasenpolypenschnürer, bajonettförmig gebogen, 250 mm
Nasal polypus snare, bayonet shaped, 10 inch

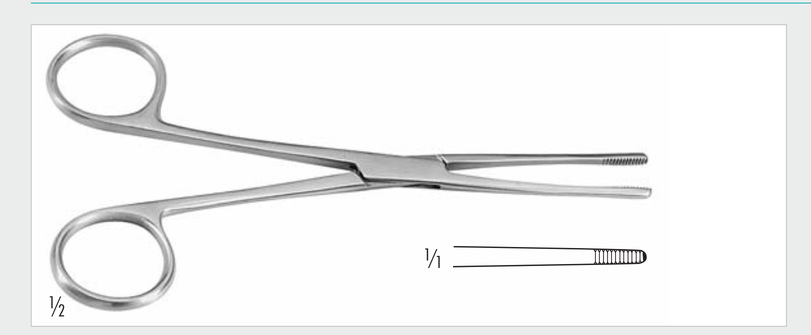


420-210-003 ∅ 0,3 mm
Schlingen für Nasenpolypenschnürer,
Bestelleinheit: PH=Packung á 100 Stück
Wire loops for nasal snares,
sales unit: PH=Package of 100 pieces



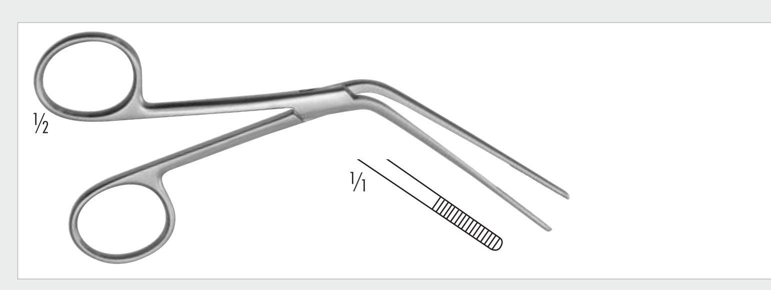
420-210-013 ∅ 0,3 mm
Schnürerdraht in Rollen á 10 m
Snare wire in coils of 10 metres



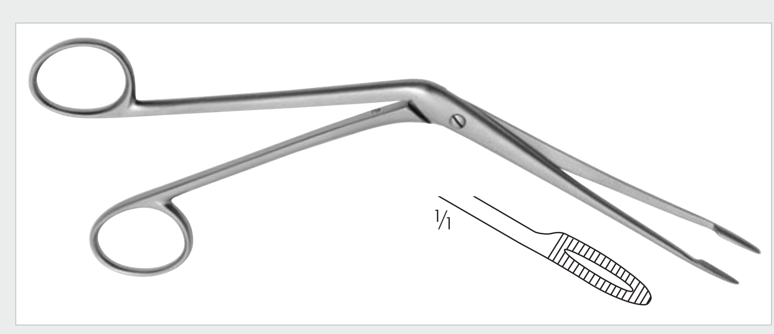


150-080-160 155 mm/6 inch
150-080-180 180 mm/7 inch

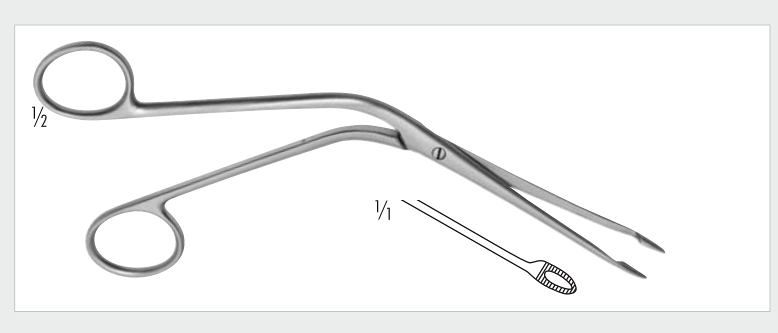
LISTER
Tamponzange
Sinus forceps



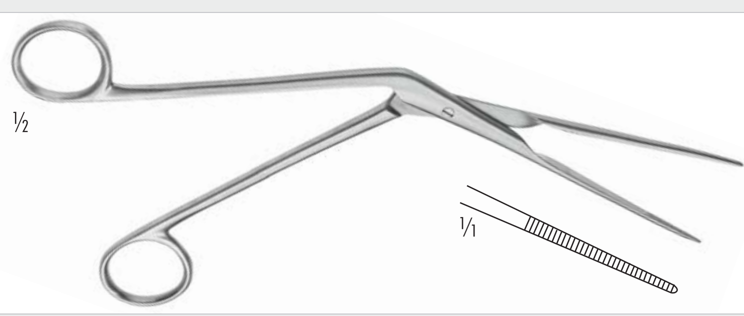
410-232-140
TILLEY
Nasentamponzange, 132 mm
Nasal dressing forceps, 5 ⅛ inch



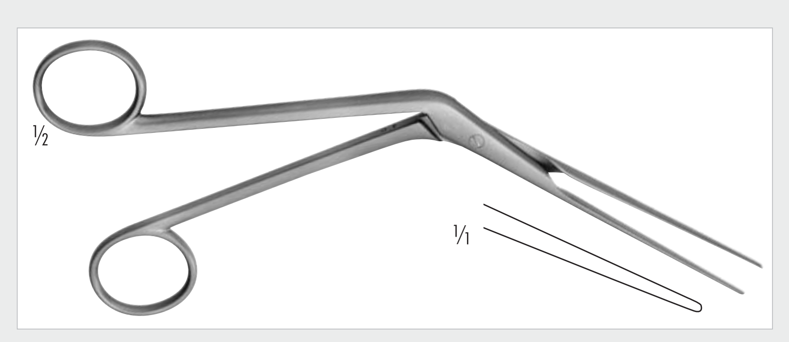
420-211-200
HARTMANN
Nasentamponzange, 215 mm
Nasal dressing forceps, 8 ¼ inch



420-211-160
HARTMANN
Nasentamponzange, 175 mm
Nasal dressing forceps, 7 inch



420-411-200
WEST
Nasentamponzange, 200 mm
Nasal dressing forceps, 8 inch



420-210-200
LUBET-BARBON
Nasentamponzange, 200 mm
Nasal dressing forceps, 8 inch





410-389-190
GRUENWALD
Nasenpinzetten, anatomisch, bajonettförmig, 200 mm
Nasal dressing forceps, bayonet shaped, 8 inch

410-395-160
JANSEN
Nasenpinzetten, anatomisch, bajonettförmig, 160 mm
Nasal dressing forceps, bayonet shaped, 6 ¼ inch

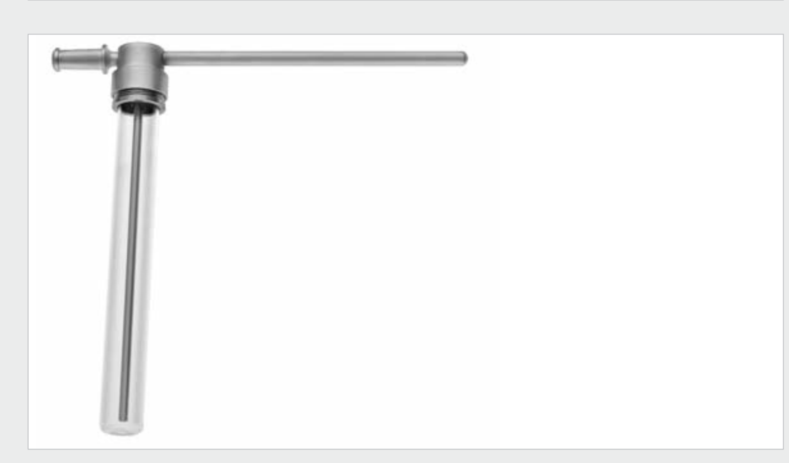
420-375-165
TROELTSCH (WILDE)
Nasenpinzetten, anatomisch, kniegebogen, 170 mm
Nasal dressing forceps, knee bent, 6 ¾ inch

410-228-000
Universal Pulverbläser, mit beweglicher Nasenolive, Schraubflasche 30 ccm und Halbgebläse
Universal Powder Blower, with adjustable nozzle, threaded flacon 30 ccm and Rubber Bulb

410-228-050
dito, ohne Gebläse
same, without Rubber Bulb

410-228-100
Halbgebläse allein
Rubber Bulb only

410-228-010
aufsteckbare Nasenolive, allein
Nose guard, only



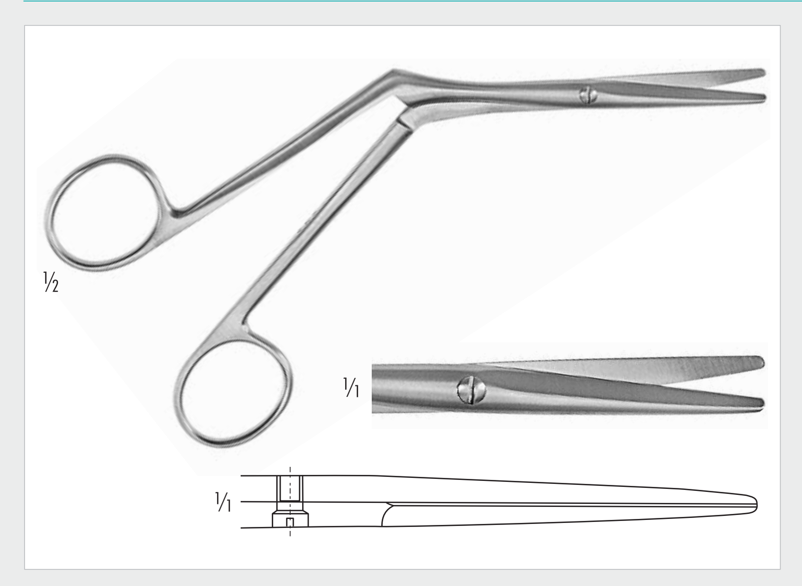
410-229-000
GRUENWALD
Zerstäuber mit gerader Kanüle, 130 mm
Atomizer with straight cannula, 5 ⅛ inch

410-229-050
GRUENWALD
Ersatzflacon mit Gewindering
Threaded Spare Bottle only



420-001-000
GLATZEL
Nasenspiegel, 200 x 130 mm
Nasal mirror, 8 inch x 5 inch



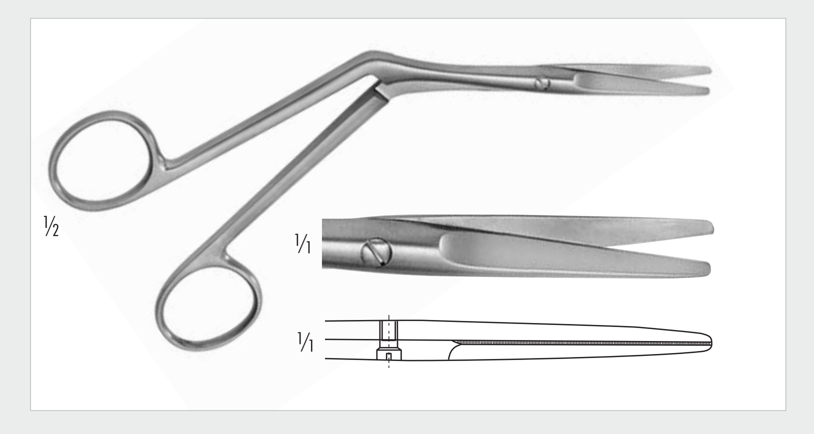


120-284-180 gerade/straight
120-287-180 rechts gebogen/right curved
120-285-180 links gebogen/left curved
120-585-180 **TC**, unteres Blatt gezahnt, gerade
TC, lower blade serrated, straight

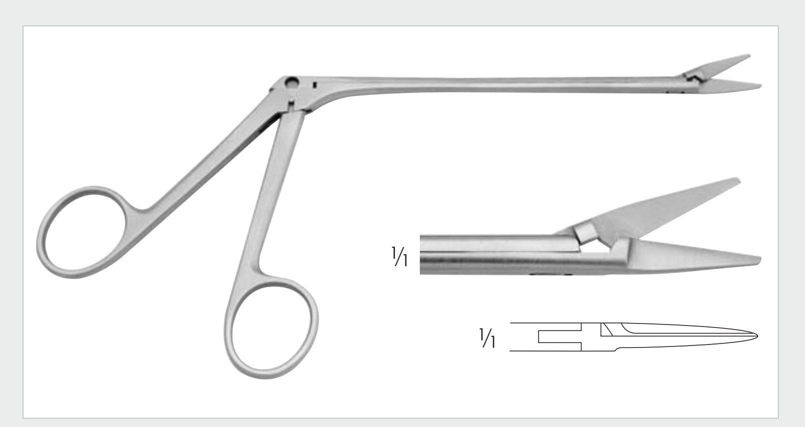


HEYMANN
Nasenschere, 190 mm,
Nasal scissors, 7 ½ inch

120-283-180
HEYMANN-KNIGHT
Nasenschere, 180 mm
Nasal scissors, 7 inch

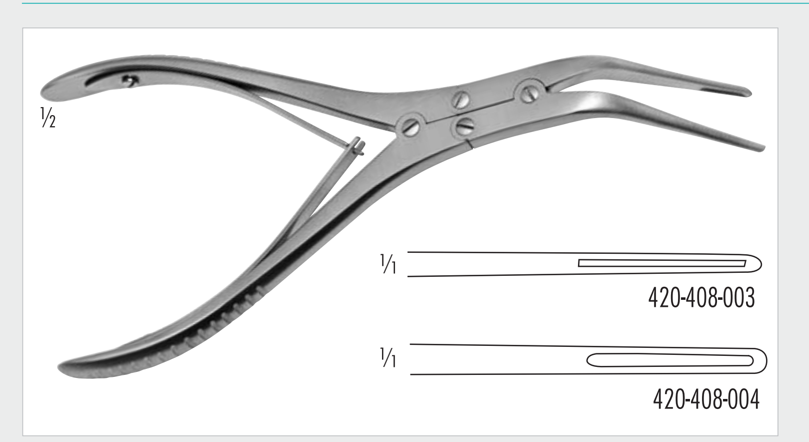


120-285-175
KIRSTEIN
Nasenschere, gezahnt, 180 mm
Nasal scissors, serrated, 7 inch

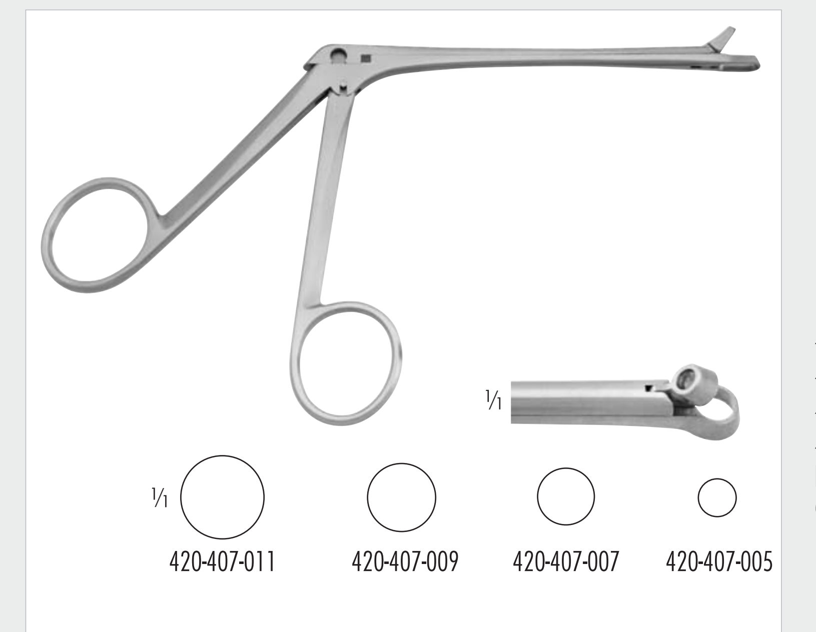


120-208-230
OLIVECRONA
Nasenschere, 230 mm
Nasal scissors, 9 inch

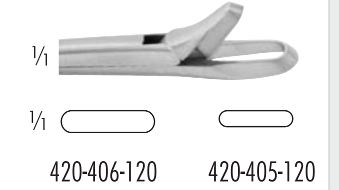




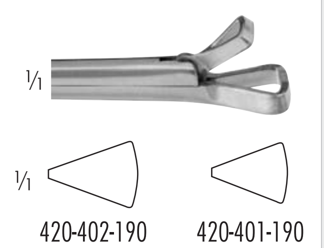
420-408-003 3 mm
420-408-004 4 mm
KRESSNER
Muschelquetschzangen, 220 mm
Crushing forceps, 8 ¾ inch



420-407-005 5mm
420-407-007 7mm
420-407-009 9mm
420-407-011 11mm
HARTMANN
Conchotom, durchschneidend, 120 mm
Nasal cutting forceps, through cutting, 4 ½ inch



420-405-120 3,5 x 11mm
420-406-120 2,0 x 9,5mm
GRUENWALD-HENKE
Conchotom, durchschneidend
Nasal cutting forceps, through cutting



420-401-190 Fig. 1
420-402-190 Fig. 2
SCHMEDEN
Conchotom, durchschneidend
Nasal cutting forceps, through cutting



420-409-120
STRUYCKEN
Conchotom, durchschneidend
Nasal cutting forceps, through cutting





420-401-001 7 mm, Fig.1
420-401-002 8 mm, Fig.2

MELZER

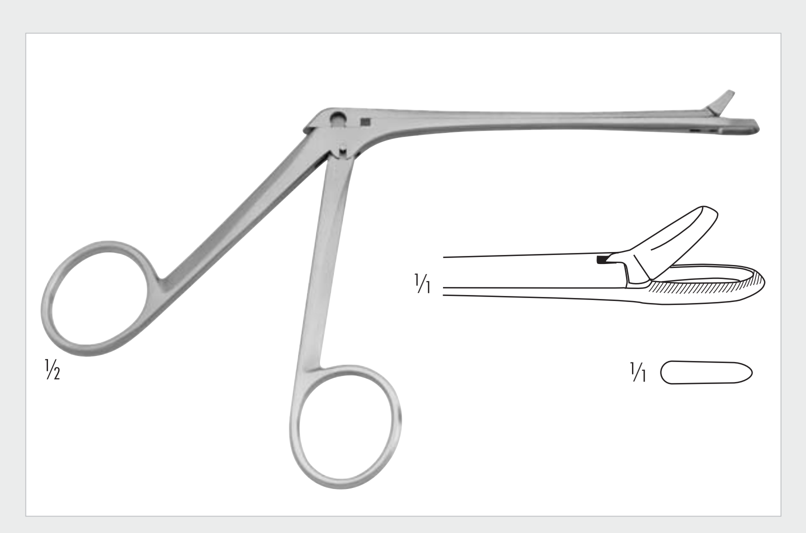
Adenoidzange, durchschneidend, rund, mit Gitter, 140 mm
Adenoid Forceps, through cutting, round, with basket, 140 mm



420-421-001 3 mm Schnitt/3 mm bite Fig.1
420-421-002 3,5 mm Schnitt/3.5 mm bite Fig.2
420-421-003 4 mm Schnitt/4 mm bite Fig.3

GRUENWALD

Nasenzange, durchschneidend, ovaler Schnitt, Arbeitslänge: 115 mm
Nasal Forceps, through cutting, oval bite, Working length: 4 ½ inch



420-410-120

MYLES

Conchotom, durchschneidend, 120 mm
Nasal cutting forceps, through cutting, 4 ¾ inch

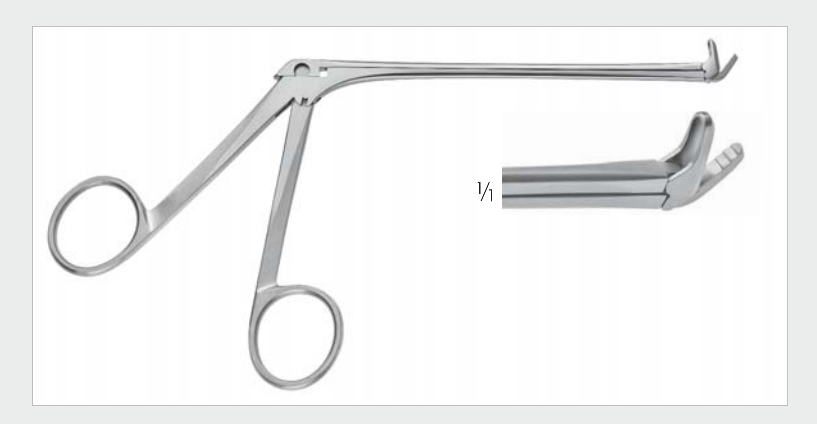


420-410-140

MYLES

Conchotom, durchschneidend, 2,5 x 11,5 mm flaches, gezahntes Maul, Arbeitslänge: 140 mm
Nasal Punch, through cutting, 2.5 x 11.5 mm flat, serrated jaw, Working length: 5 ½ inch





420-413-140
MYLES
Conchotom, durchschneidend, gezahnt, 30° aufgebogen,
Arbeitslänge: 140 mm
Nasal Punch, through cutting, serrated, 30° upcurved shaft,
Working length: 5 ½ inch



420-401-100 6 mm, Fig.0
420-401-101 7 mm, Fig.1
420-401-102 8 mm, Fig.2
420-401-103 10 mm, Fig.3
MELZER
Adenoidzange, durchschneidend, dreieckig, mit Gitter,
Arbeitslänge: 140 mm
Adenoid Forceps, through cutting, triangular, with basket,
Working length: 5 ½ inch



420-401-201 5,2 x 3,2mm Fig.1
MELZER
Adenoidzange, durchschneidend, oval, Arbeitslänge: 140 mm
Adenoid Forceps, through cutting, oval, Working length: 5 ½ inch



420-414-120 gerade/straight
420-415-120 links gebogen/left curved
420-416-120 rechts gebogen/right curved

Nasenschere, 120 mm
Nasal scissors, 4 ¾ inch

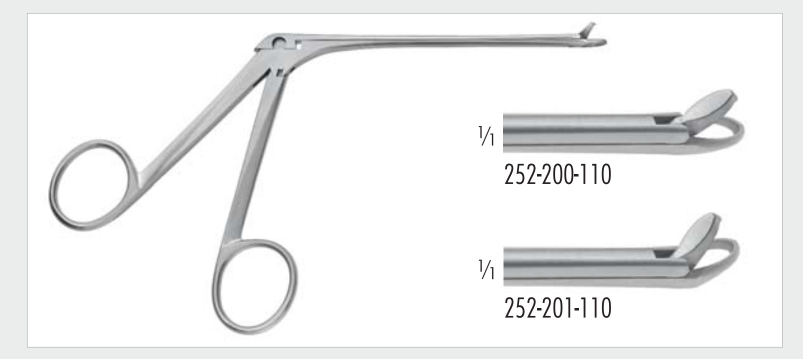




420-418-140	Mit Gitter, aufgebogen/ with basket, curved up
420-419-140	Ohne Gitter, aufgebogen/ without basket, curved up
420-420-140	Ohne Gitter, gerade/ without basket, straight

WATSON-WILLIAMS

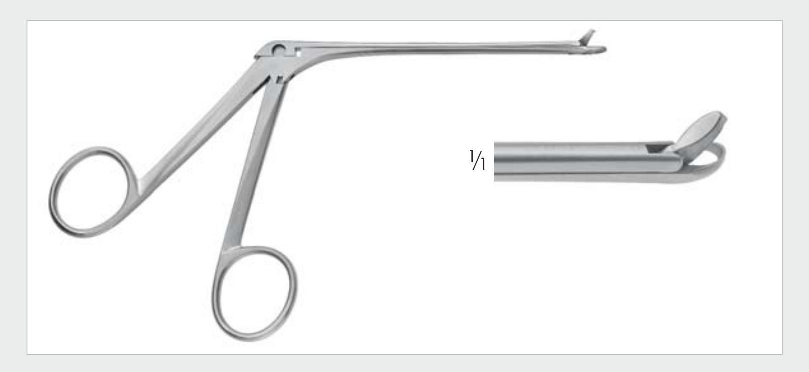
Nasenzange, durchschneidend, 3 mm Schnitt,
Arbeitslänge: 140 mm
Nasal Forceps, through cutting, 3 mm bite,
Working length: 5 ½ inch



252-200-110	2 mm Schnitt, gerade/bite, straight
252-200-111	2,5 mm Schnitt, gerade/bite, straight
252-200-112	3 mm Schnitt, gerade/bite, straight
252-201-110	2 mm Schnitt, aufgebogen/bite, upcurved
252-201-111	2,5 mm Schnitt, aufgebogen/bite, upcurved
252-201-112	3 mm Schnitt, aufgebogen/bite, upcurved

BLAKESLEY

Nasenzange, durchschneidend, 115 mm
Nasal Forceps, through cutting, 4 ½ inch



252-202-111	Fig.1 links gebogen/left curved jaw
252-203-111	Fig.2 rechts gebogen/right curved jaw

BLAKESLEY

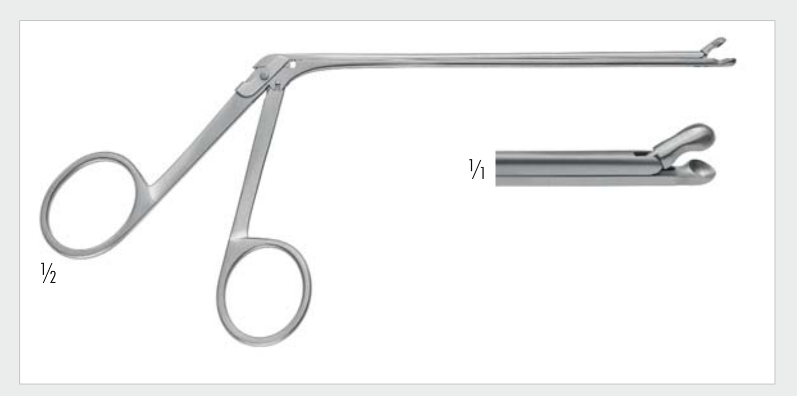
Nasenzange, durchschneidend, 2,5mm Schnitt, 115mm
Nasal Forceps, though cutting, 2.5mm cut, 4 ½ inch





252-526-115	**NOYES**	gefenstert/fenestrated 1x2 Zähne/teeth
252-527-115	**NOYES**	gefenstert/fenestrated
252-528-115	**MORGENSTEIN**	
252-529-115	**BLAKESLEY**	
252-530-115	**FERRIS-SMITH**	

Nasenzange mit Querzähnen, Arbeitslänge: 115 mm
Nasal Forceps with serrated jaws, Working length: 4 ½ inch



420-223-170
HILDYARD
Löffelzängchen, 3,5 mm Löffel, 120 mm Schaftlänge, Arbeitslänge: 120 mm
Post-Nasal Biopsy Forceps, 3.5 mm biopsy cup, shaft
Working length: 4 ¾ inch



252-539-115
LEWIS
Nasenzange seitlich links öffnend, Arbeitslänge: 115mm
Nasal Forceps, round grooved jaws, opening to left side,
Working length: 4 ½ inch

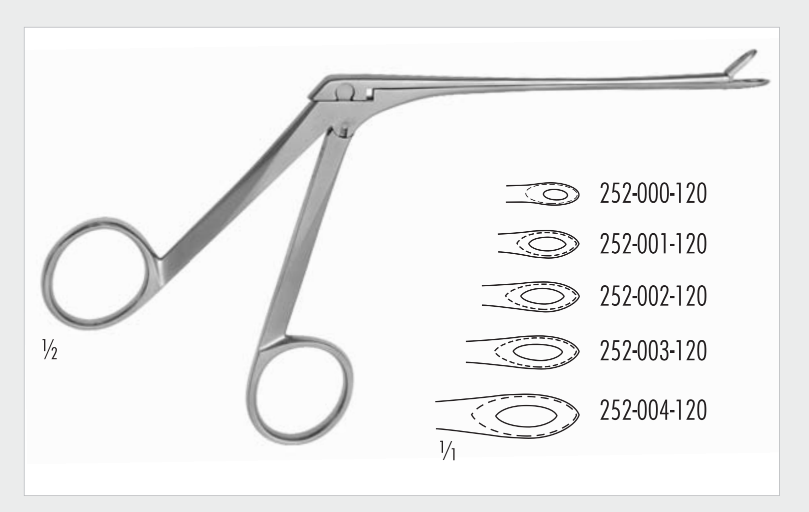




252-425-115

BEAD

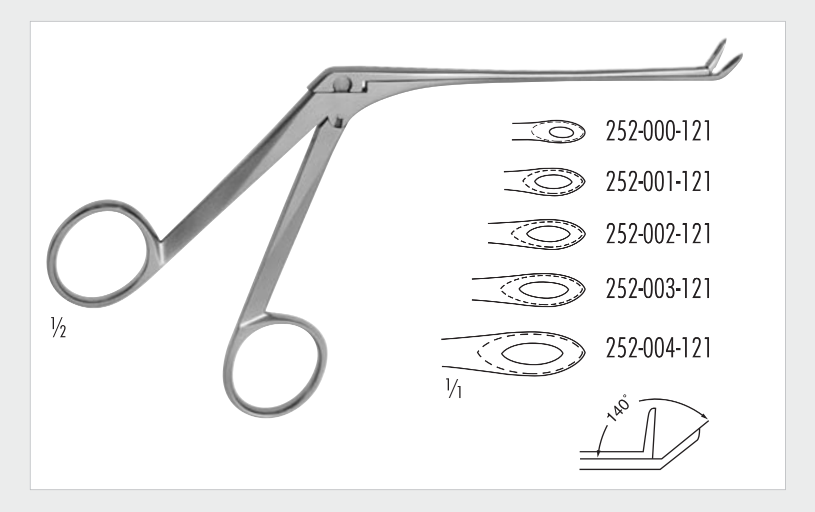
Bead Nasenzange mit Löffel, aufgebogen, kleines Modell ,
Arbeitslänge: 115mm
Nasal Forceps with cup jaws, upturned, small model, Working length: 4 ½ inch



252-000-120	Fig.0	3,0 mm
252-001-120	Fig.1	3,6 mm
252-002-120	Fig.2	4,2 mm
252-003-120	Fig.3	4,8 mm
252-004-120	Fig.4	5,6 mm

WEIL-BLAKESLEY

Siebbeinzangen, gerade, ovaler Löffel, gefenstertes Maul, 120 mm
Ethmoidal forceps, straight, oval, cup-shaped fenestrated jaws, 4 ¾ inch



252-000-121	Fig.0	3,0 mm
252-001-121	Fig.1	3,6 mm
252-002-121	Fig.2	4,2 mm
252-003-121	Fig.3	4,8 mm
252-004-121	Fig.4	5,6 mm

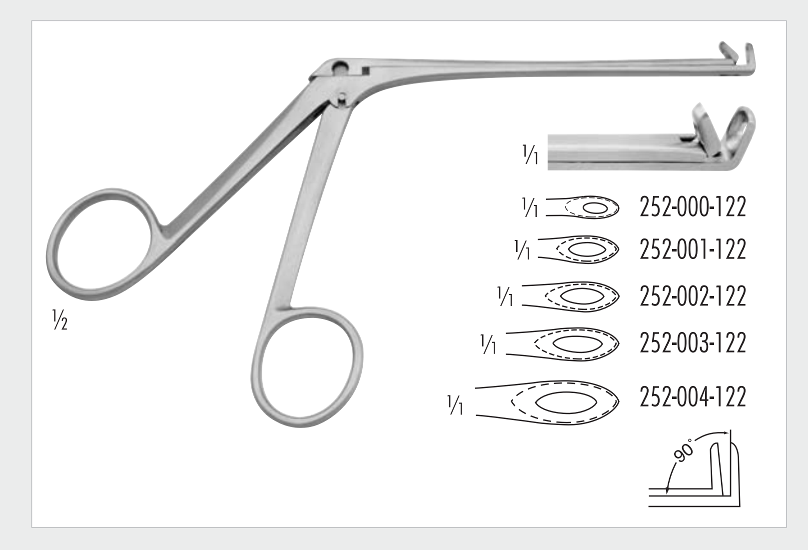
WEIL-BLAKESLEY

Siebbeinzangen, aufgebogen, ovaler Löffel, gefenstertes Maul, 110 mm
Ethmoidal forceps, upwards curved, oval cup, fenestrated jaws, 4 ½ inch





252-000-111
STRUEMPEL-VOSS
Siebbeinzange 45° aufgebogen, besonders fein, 2,5mm
110 mm Schaft
Ethmoidal forceps, 45° upwards curved, oval, very delicate, 2.5mm
110 mm shaft



252-000-122	Fig.0	3,0 mm
252-001-122	Fig.1	3,6 mm
252-002-122	Fig.2	4,2 mm
252-003-122	Fig.3	4,8 mm
252-004-122	Fig.4	5,6 mm

WEIL-BLAKESLEY
Siebbeinzange, 90° aufgewinkelt, 110 mm
Ethmoidal forceps, 90° angled up, 4 ½ inch



0°

252-035-150	Größe/Size 1: 3,5mm
252-040-150	Größe/Size 2: 4,0mm
252-050-150	Größe/Size 3: 5,0mm

45°

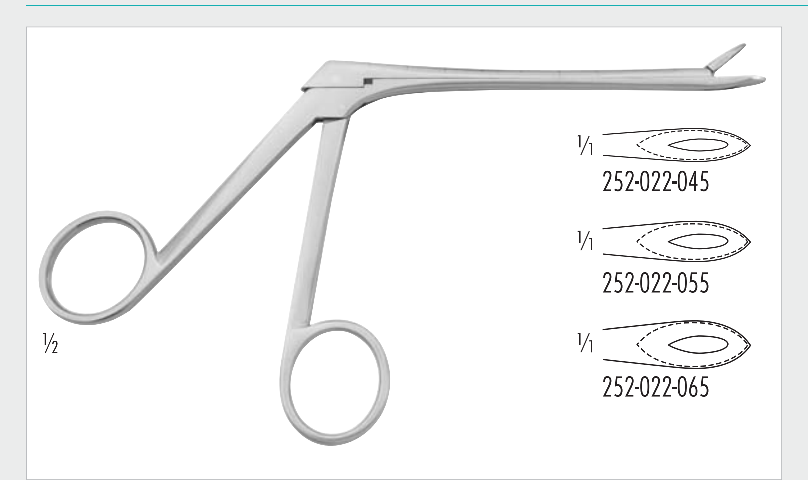
252-035-151	Größe/Size 1: 3,5mm
252-040-151	Größe/Size 2: 4,0mm

90°

252-035-152	Größe/Size 1: 3,5mm
252-040-152	Größe/Size 2: 4,0mm

BLAKESLEY
Nasenzange, Arbeitslänge: 150mm Arbeitslänge:
Nasal Forceps, working length: 6 inch





252-022-045 4,5 mm
252-022-055 5,5 mm
252-022-065 6,5 mm

TILLEY HENCKEL

Siebbeinzange, gerade, Schaft graduiert, 115 mm
Ethmoidal forceps, straight, shaft graduated, 4 ½ inch



252-410-130 2 mm, gerade/straight
252-410-131 3 mm, gerade/straight
252-413-131 3 mm, aufgebogen/curved up

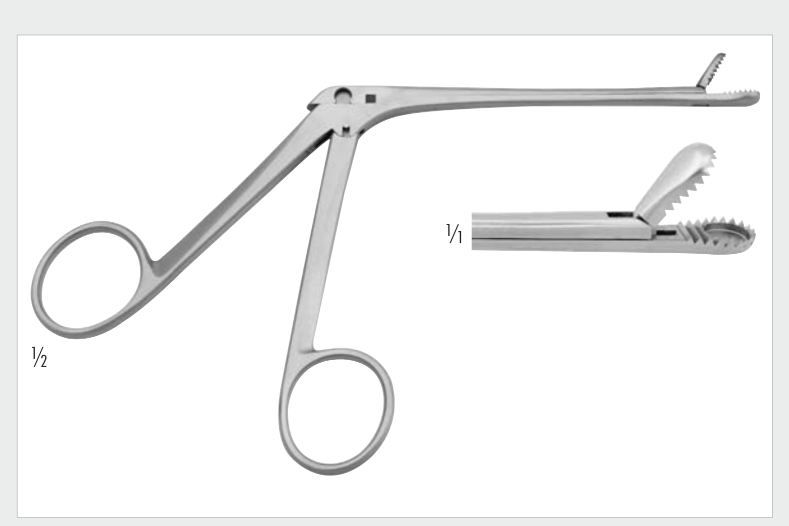
TAKAHASHI

Siebbeinzange, aufgebogen, oval, Löffelmaul, 120 mm
Ethmoidal forceps, upwards curved, oval, cup-shaped, 4 ¾ inch



252-534-100

Siebbeinzange, gerade, 140 mm
Ethmoidal forceps, straight, 5 ½ inch

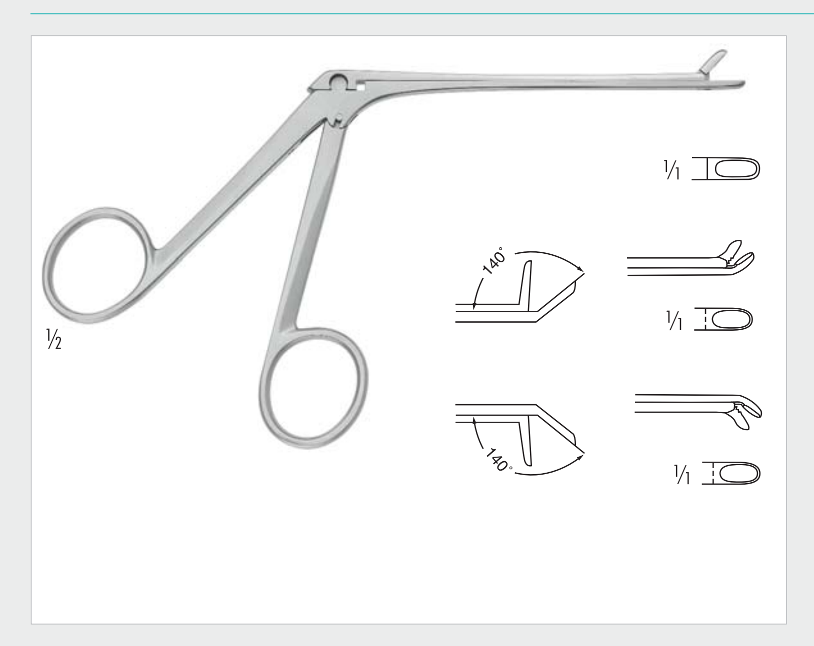


252-530-120

WATSON-WILLIAMS

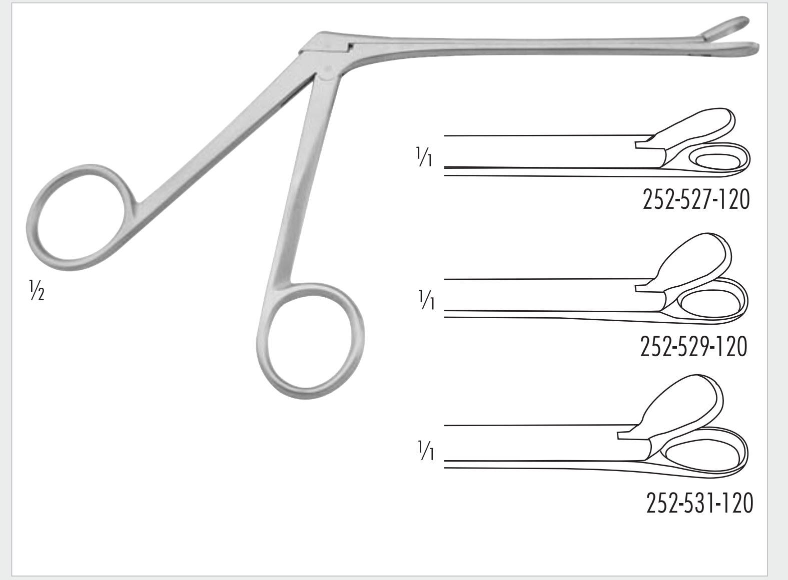
Schleimhaut Faßzange, gezahnt, gerade, 120 mm
Ethmoidal mucosa forceps, serrated jaws, straight, 4 ¾ inch





252-536-115 3 mm, gerade/straight
252-537-115 3 mm, aufgebogen/upwards biting
252-538-115 3 mm, nach unten gebogen/downwards biting

ST BARTS
Rongeur, 110 mm
Rongeur, 4 ⅓ inch



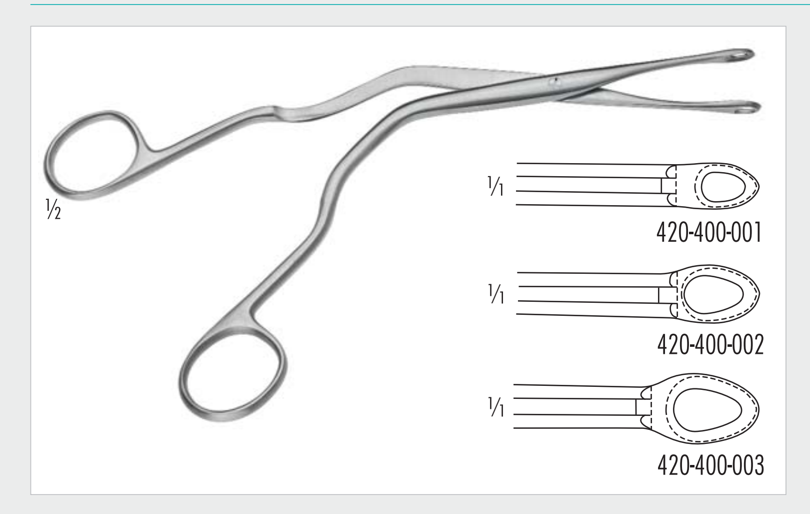
252-527-120 Fig.0
252-529-120 Fig.1
252-531-120 Fig.2

WATSON-WILLIAMS
Siebbeinzange, 115 mm
Ethmoidal forceps, 4½ inch



252-426-100 ∅ 3.5 mm
Nasenzange mit rundem Löffel, 115 mm
Sinus Cup Forceps, 4 ½ inch

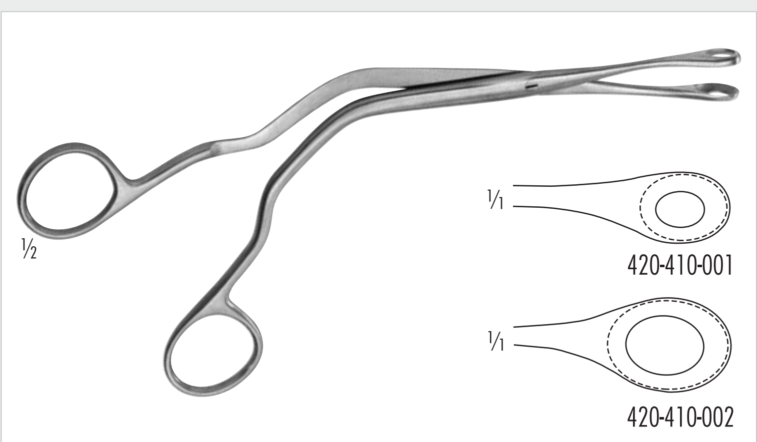




420-400-001 6,0 mm
420-400-002 7,5 mm
420-400-003 9,0 mm

LUC

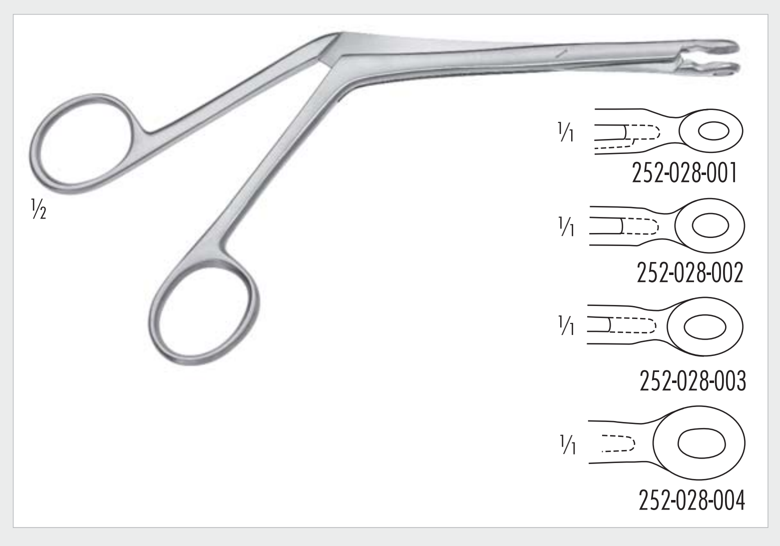
Septumzange, gefenstert, 190 mm
Septum forceps with fenestrated jaws, 7 1/2 inch



420-410-001
420-410-002

LUC

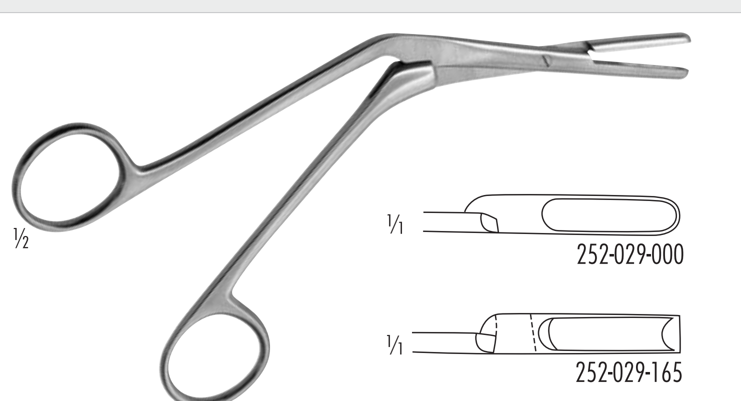
Septumzange, gefenstert, 200 mm
Septum forceps with fenestrated jaws, 8 inch



252-028-001
252-028-002
252-028-003
252-028-004

BRUENINGS

Septumzange, gefenstert, 190 mm
Septum forceps, fenestrated jaws, 7 ½ inch



252-029-000 6mm

CRAIG

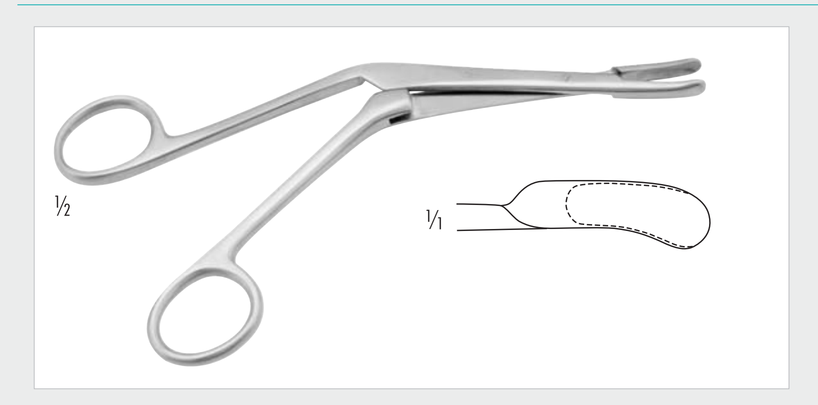
Vormerzange, gerade, scharfer Löffel oval, 165 mm
Septum bone cutting and breaking forceps straight, sharp cup, 6 ½ inch

252-029-165 6mm

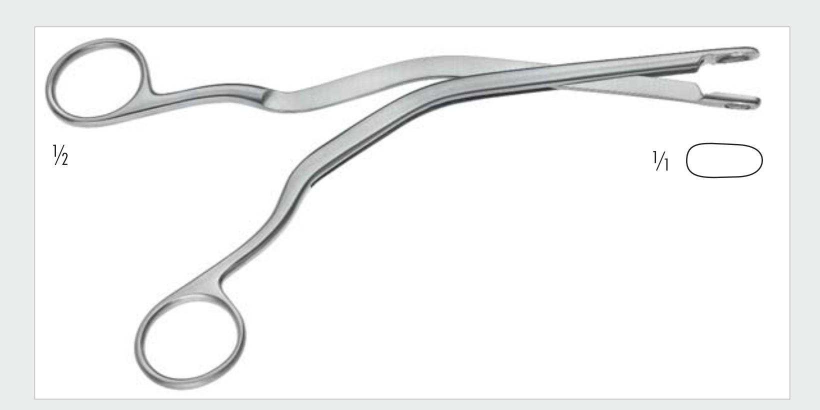
CRAIG

Vormerzange mit eckigen Schneidkanten, 165 mm
Septum bone cutting and breaking forceps straight, sharp cup, 6 ½ inch





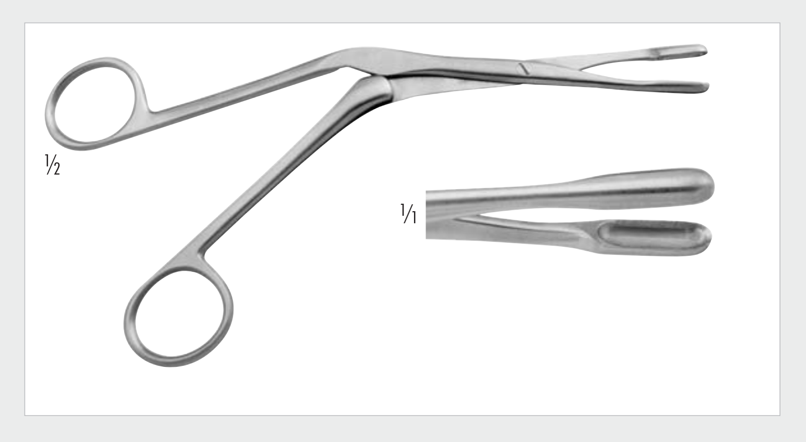
252-029-500
CRAIG-DOMNICK
Vormerzange, linksgebogen, scharfe Löffel, 165 mm
Septum bone cutting and breaking forceps, curved to the left, sharp cup, 6 ½ inch



420-412-190
IRWIN MOORE
Septumzange, 190 mm
Septum forceps, 7 ½ inch

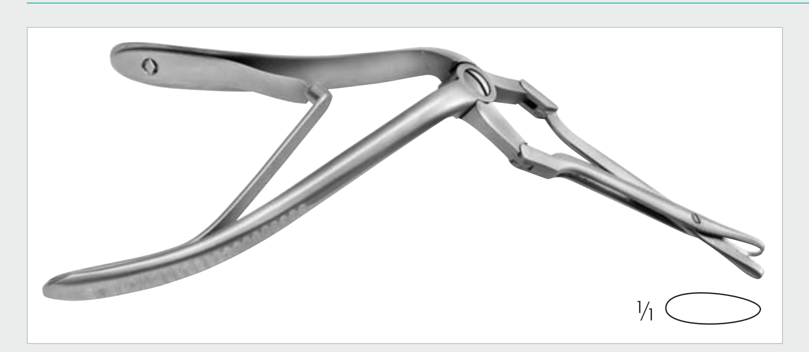


420-422-190
HEYMANN-KNIGHT
Septumzange, scharfer ovaler Löffel, 190 mm
Septum forceps, with sharp oval cup, 7 ½ inch



420-214-180
KNIGHT
Nasenzange, scharf, 180 mm
Nasal forceps, sharp, 7 inch

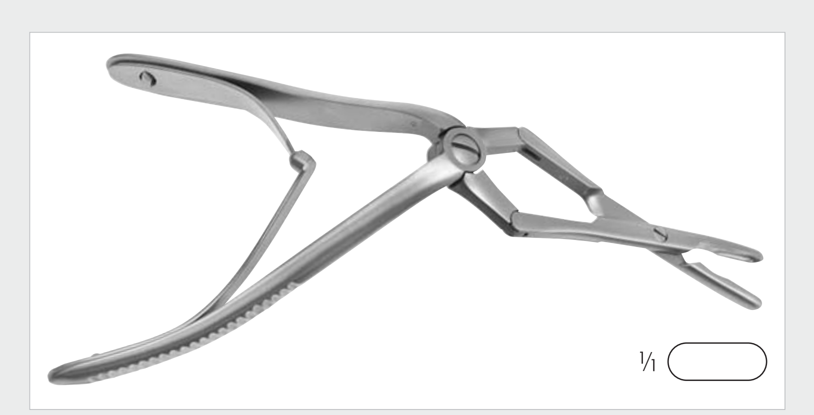




252-031-190 4x14 mm großes Modell / large pattern
252-033-190 3x13 mm kleines Modell / small pattern

JANSEN-MIDDLETON

Nasenzange, durchschneidend, 210 mm
Nasal forceps, through cutting, 8 ¼ inch



252-032-190 4x11 mm

JANSEN-MIDDLETON

Nasenzange, Löffelmaul, 200 mm
Nasal forceps, cup-shaped, 8 inch



420-213-180

BECKER

Septumschere mit Doppelgelenk, gezahnt, 180 mm
Septum scissors, double action, with serrated jaws, 7 inch

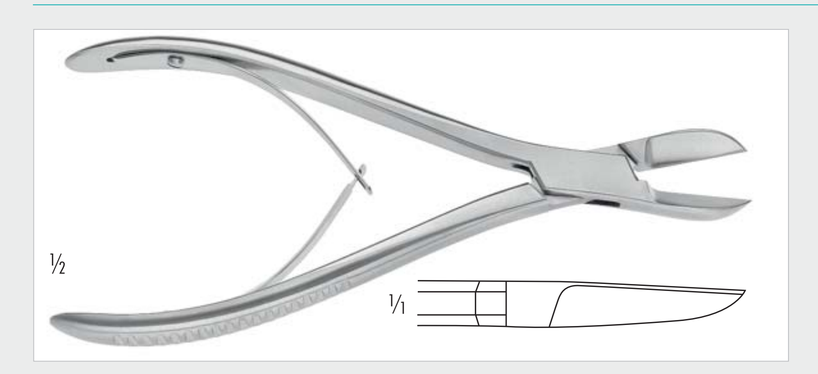


120-286-220 gerade Schneide/straight cutting edge
120-287-220 gebogene Schneide/curved cutting edge

CAPLAN

Nasenschere, 220 mm
Nasal scissors, 8 ½ inch





210-845-185

COTTLE-KAZANJIAN

Knochensplitterzange, zum Entfernen eines Nasenhöckers, 180 mm
Bone cutting forceps, for removal of nasal hump, 7 inch



210-855-180

RUSKIN-ROWLAND

Nasenzange mit Doppelgelenk, gerade, 180 mm
Nasal hump rongeur, double action, straight, 7 inch



420-370-210

RUBIN

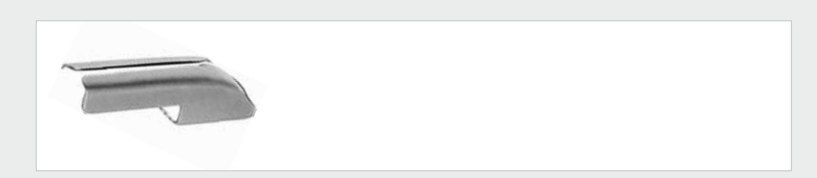
Knorpelquetschzange mit Doppelgelenk, gerade, 220 mm
Septum morcelizer, double action, straight, 8 ½ inch



420-371-210

RUBIN

Knorpelquetschzange mit Doppelgelenk, abgewinkelt, 220 mm
Septum morcelizer, double action, angled, 8 ½ inch



420-370-212

Schutzkappe für RUBIN Quetschzange 420-370-210 + 420-371-210
Protection cap for RUBIN septum morcelizer 420-370-210 + 420-371-210



420-546-180 5 mm
FREER
Elevatorium, scharf/stumpf, 185 mm
Elevator, sharp /blunt, 7 ¼ inch

420-548-180
FREER-YASARGIL
Dissektor, scharf, 190 mm
Dissector, sharp, 7 ½ inch

210-528-240
COHEN
Elevator, doppelendig, 24cm
Elevator, double-ended, 9 ½ inch

420-556-200
WOODSON
Elevator, 2,4 / 4,0mm Blatt, 20cm
Elevator, 2.4 / 4.0mm blade, 8 inch

420-395-205 6 mm
NEGUS
Saugdissektor, stumpf 210 mm
Suction dissector, blunt, 8 ¼ inch

420-253-185 3 mm
GORNEY
Saugraspatorium, halb-scharf 180 mm
Suction raspatory, semi-sharp 7 inch

420-552-215
HOWARTH
Doppel-Elevatorium, 215 mm
Elevator, double-ended, 8 ¼ inch

420-541-180
KILLIAN
Doppel-Elevatorium, scharf/stumpf, 185 mm
Elevator, double-ended, sharp/blunt, 7 ¼ inch

420-540-180
KILLIAN
Doppel-Elevatorium, scharf/stumpf, 180 mm
Elevator, double-ended, sharp/blunt, 7 inch

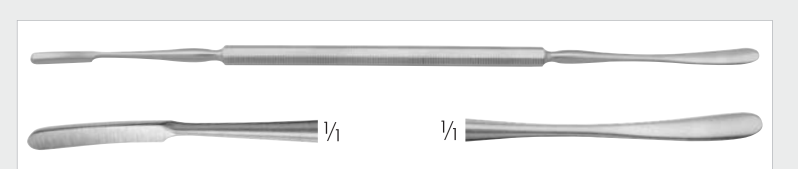




252-002-180
KILLIAN
Doppel-Elevatorium, schippenförmig, scharf/stumpf, 180 mm
Septum double-ended elevator, shuffle-shaped, sharp/blunt, 7 inch



252-001-200
FREER
Doppel-Elevatorium, halbscharf/stumpf, 200 mm
Septum double-ended elevator, semi-sharp/blunt, 8 inch



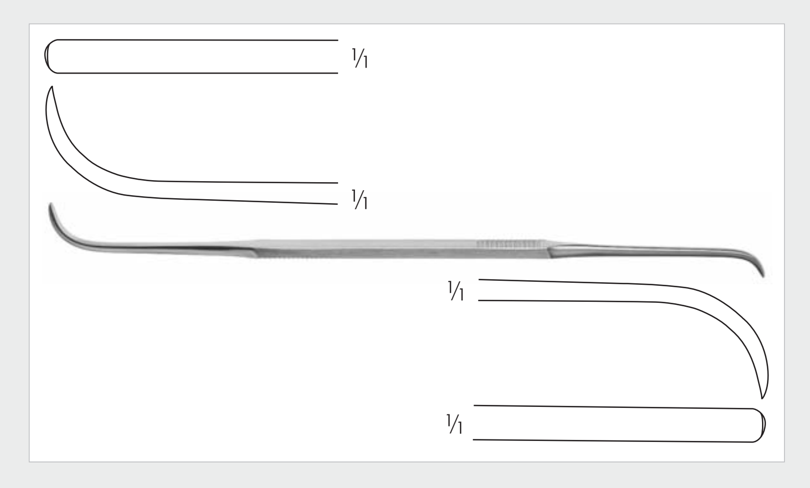
420-555-200
FREER-JOSEPH
Doppel-Elevatorium, 200 mm
Septum double-ended elevator, 8 inch



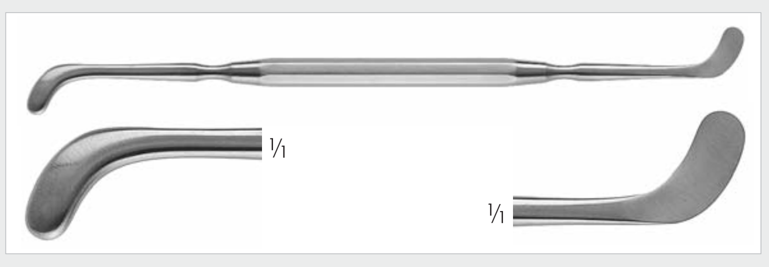
420-551-200
MASING
Elevatorium, doppelendig, graduiert, scharf/stumpf, 200 mm
Elevator, double-ended, graduated, sharp/blunt, 8 inch



420-550-230
COTTLE
Doppel-Elevatorium, graduiert, scharf/stumpf, 210 mm
Elevator, double-ended, graduated, sharp/blunt, 8 ¼ inch



420-552-200
COTTLE
Doppel-Elevatorium, zum Tunnelieren, 220 mm
Elevator, double-ended, for tunneling, 9 inch

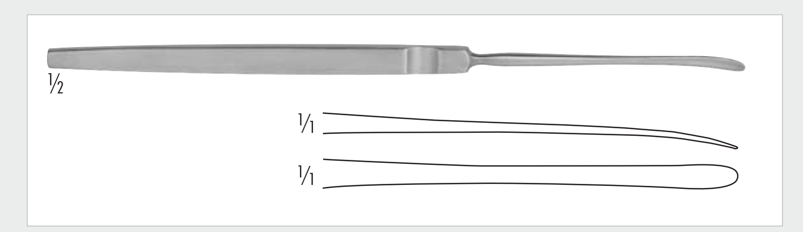


420-543-210
PENNINGTON
Elevatorium, 210 mm
Elevator, 8 ¼ inch



420-551-175
FREER
Raspatorium, doppelendig. scharf, 175 mm
Periosteal elevator, double-ended, sharp, 7 inch



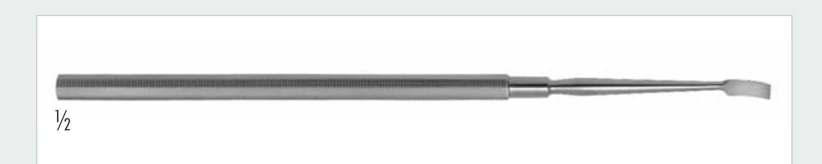


420-544-165 4,0 mm

HALLE

Elevatorium, stumpf, 180 mm

Elevator, blunt, 7 inch

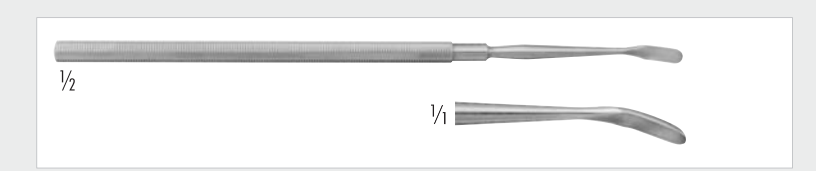


420-551-180 4 mm

FREER

Raspatorium, 160 mm

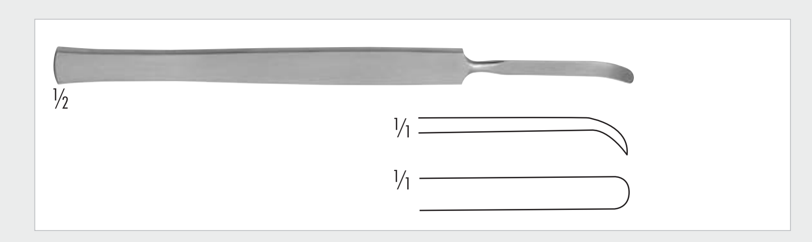
Periosteal elevator, 6 ½ inch



420-557-165 4,0 mm

Raspatorium, abgewinkelte Spitze, 165 mm

Periosteal elevator, angled tip, 6 ½ inch



420-547-004 4 mm

420-547-005 5 mm

MC KENTY

Septum Elevatorium, gebogen, scharf, 155 mm

Septum periosteal elevator, curved, sharp, 6 inch



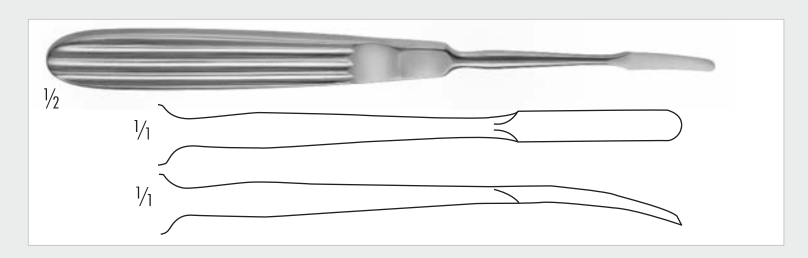
420-547-006

ERLANGEN

Raspatorium, 6mm breit, leicht gebogen, 175 mm

Raspatory, 6mm wide, slightly curved, 7 inch

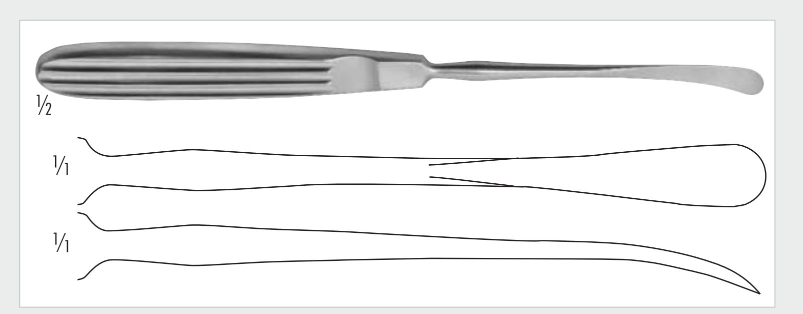




420-530-165 2 mm
420-531-165 3 mm
420-532-165 4 mm
420-533-165 5 mm

JOSEPH

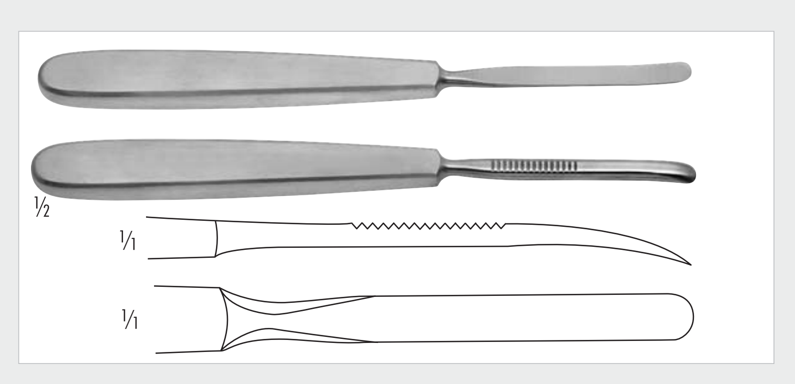
Periost-Raspatorium, leicht gebogen, 170 mm
Periosteal elevator, slightly curved, 6 ¾ inch



210-438-195 8 mm

COTTLE

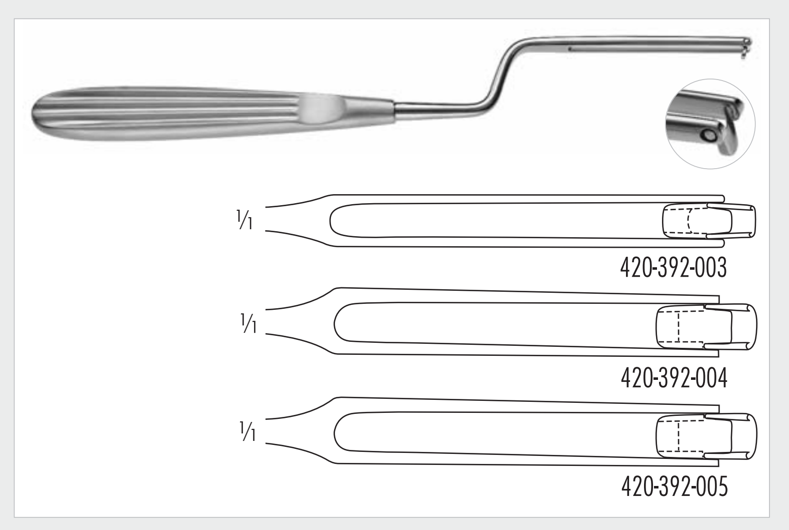
Elevatorium, gebogen, scharf, 190 mm
Elevator, curved, sharp, 7 ½ inch



210-439-006 6 mm
210-439-008 8 mm

Periost-Raspatorium, leicht gebogen, 170 mm
Periosteal elevator, slightly curved, 6 ¾ inch





420-392-003 3 mm
420-392-004 4 mm
420-392-005 5 mm

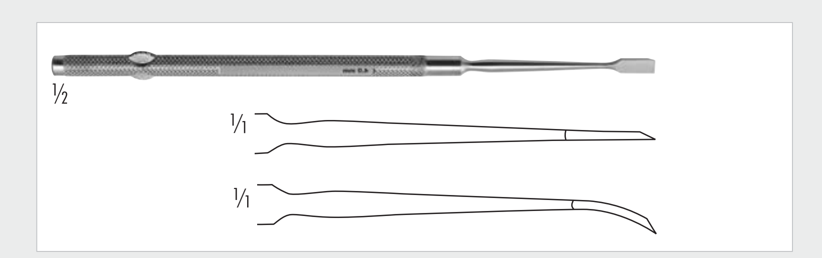
BALLENGER

Schwingmesser, bajonettförmig, 210 mm
Swivel knife, bayonet shaped, 8 ¼ inch

420-393-003 3 mm
420-393-004 4 mm
420-393-005 5 mm

BALLENGER

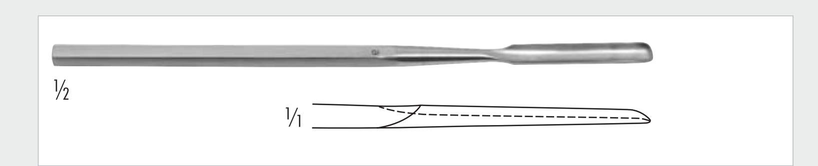
Schwingmesser, gerade, 195 mm
Swivel knife, straight , 8 inch



420-590-004 4 mm, gerade/straight
420-591-004 4 mm, gebogen/curved

FREER

Septum Flachmeissel, 160 mm
Septum chisel, 6 ¼ inch



420-550-170 6 mm

FREER

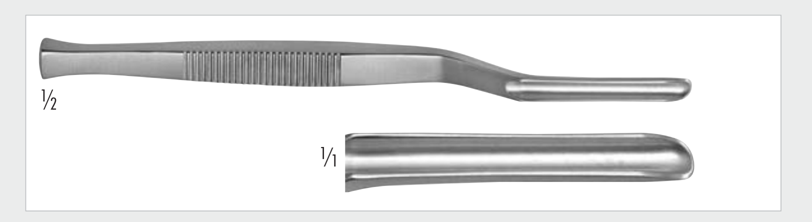
Septum-Hohlmeissel, mit runder Schneide, gerade, 150 mm
Septum gouge, straight, round cutting edge, 6 inch



420-595-170 6 mm

BALLENGER

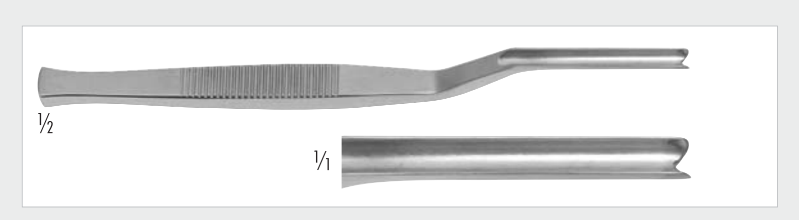
Septum-Hohlmeissel mit Kerbe, gerade, 155 mm
Septum gouge, with notch and cutting edge, 6 inch



420-552-170 6 mm

KILLIAN

Septum-Hohlmeissel mit runder Schneide, bajonettförmig gebogen, 170 mm
Septum gouge, round cutting edge, bayonet shaped, 6 ¾ inch

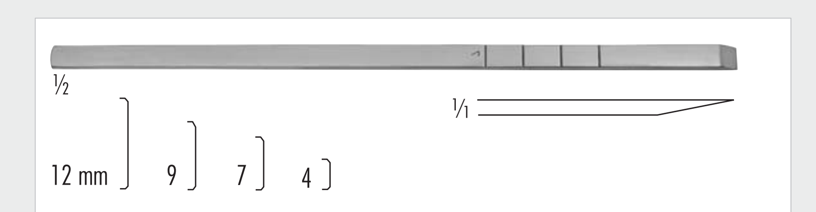


420-551-170 6 mm

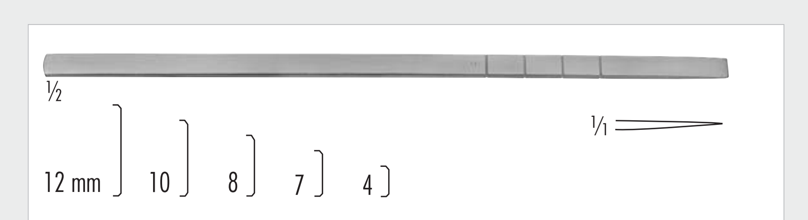
KILLIAN-CLAUS

Septum-Hohlmeissel mit Kerbe, bajonettförmig gebogen, 170 mm
Septum gouge with notch, bayonet shaped, 6 ¾ inch





210-488-004 4 mm
210-488-007 7 mm
210-488-009 9 mm
210-488-012 12 mm
COTTLE
Flachmeissel, graduiert, 185 mm
Chisel, graduated, 7 ¼ inch



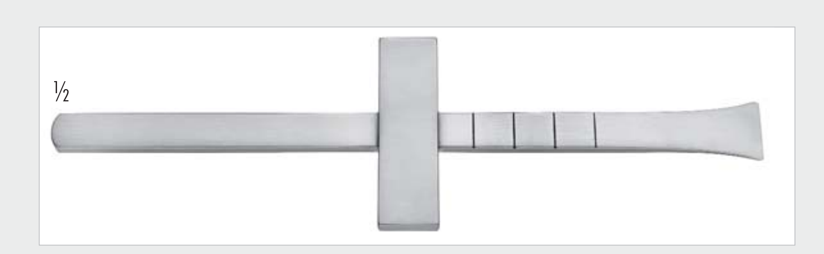
210-487-004 4 mm
210-487-007 7 mm
210-487-008 8 mm
210-487-010 10 mm
210-487-012 12 mm
COTTLE
Osteotom, graduiert, 180 mm
Osteotome, graduated, 7 inch



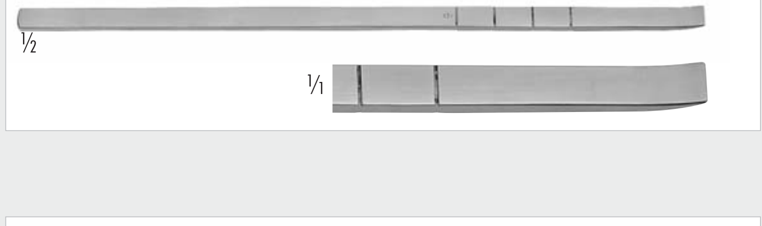
210-472-105 5mm
COTTLE
Osteotom mit Schutz und Crossbar, 185m
Osteotome with guard and crossbar, 7 ¼ inch



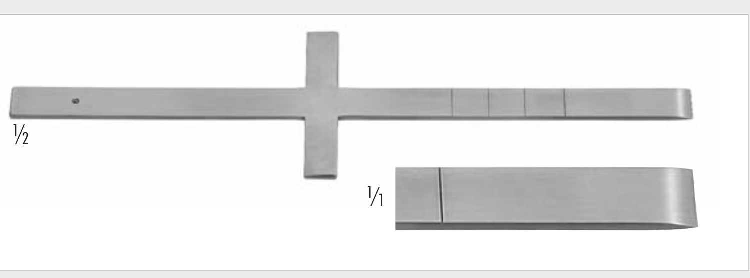
210-486-008 8 mm
COTTLE
Fischschwanz Osteotom, verrundete Ecken 180 mm
Fishtail osteotome, with protected ends, double guarded 7 inch



210-486-016
COTTLE
Fischschwanz Osteotom, mit Querbalken, 16mm,
runde Schneidkanten, 180mm
Fishtail osteotome, with crossbar, 16mm
with round cutting end, 7 inch

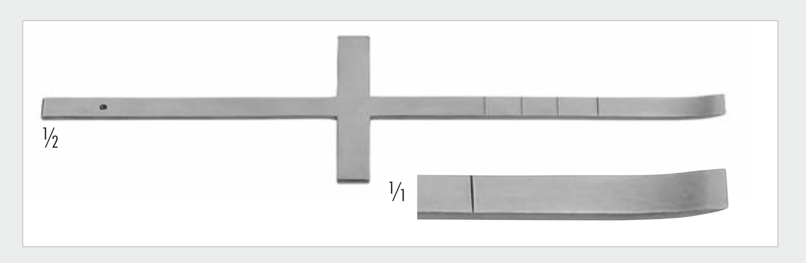


210-486-006 6 mm
COTTLE
Flachmeissel, gebogen, graduiert, für transversale Osteotomie, 180 mm
Chisel, curved, graduated, for transverse osteotomies, 7 inch

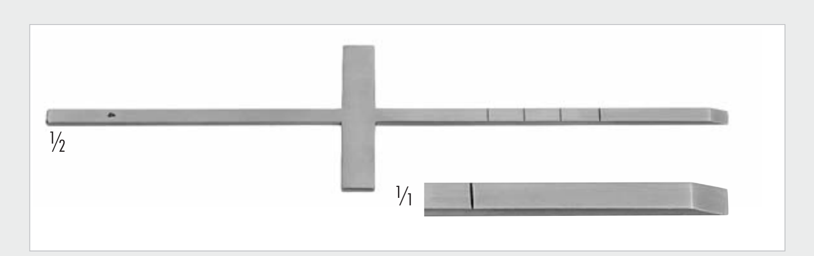


210-472-006 6 mm
COTTLE
Osteotom, gerade, 185 mm
Osteotome, straight, 7 ¼ inch





210-473-006 6 mm
COTTLE
Osteotom, gebogen, 185 mm
Osteotome, curved, 7 ¼ inch



210-474-006
COTTLE
Meissel, gerade, 6 mm, 185 mm
Chisel, straight, 6 mm, 7 ¼ inch



420-587-008 8 mm
420-587-010 10 mm
420-587-012 12 mm
420-587-014 14 mm
420-587-016 16 mm
RUBIN
Osteotom, 180 mm
Osteotome, 7 inch



420-628-253
GUASTELLA
Dorsal Osteotom, 18cm
Dorsal Osteotome, 7 inch



420-589-008 8 mm
420-589-010 10 mm
420-589-012 12 mm
420-589-014 14 mm
420-589-016 16 mm
CINELLI
Osteotom, mit doppelter Führung, gerade, 160 mm
Osteotome, double guarded, straight, 6 ¼ inch



420-587-177 6,5 mm
PARKES
Höcker Hohlmeissel, 180 mm
Hump gouge, 7 inch



420-459-001 gerade/straight
420-459-002 rechts gebogen/curved right
420-459-003 links gebogen/curved left
SILVER
Nasenmeißel, 180mm
Nasal Chisel, 7 inch





420-460-001 gerade/straight
420-460-002 links/left
420-460-003 rechts/right

SILVER

Osteotom, schmales Modell, 185 mm
Osteotome, slender model, 7 ¼ inch



420-639-001 gerade/straight
420-639-002 rechts gebogen/curved right
420-639-003 links gebogen/curved left

ANDERSON-NEIVERT

Osteotom, 185 mm, 3,5 mm
Osteotome, 7 ¼ inch, 3.5 mm



420-641-001 gerade/straight
420-641-002 rechts/right
420-641-003 links/left

GUNTER

Osteotom, 205 mm
Osteotome, 8 inch



420-472-002 links/left
420-472-003 rechts/right

GUASTELLA

Osteotom, 180 mm
Osteotome, 7 inch



420-460-005

SILVER

Osteotom mit V-Spitze, gebogen, 175 mm
Osteotome with V-tip, curved, 6 ¾ inch



420-586-004 4mm
420-586-005 5mm
420-586-006 6mm
420-586-007 7mm

FOMON

Chisel, 170 mm
Chisel, $6^{3/4}$ inch



420-458-160

PARKES

Osteotom, mit einseitigem Schutz, 160 mm
Osteotome with single guard, $6^{1/3}$ inch

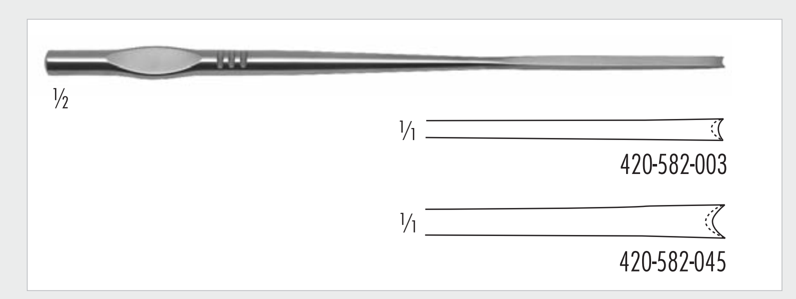


420-470-001 gerade/straight
420-470-002 rechts gebogen/curved right
420-470-003 links gebogen/curved left

RISTOW

Osteotom, 200 mm
Osteotome, 8 inch

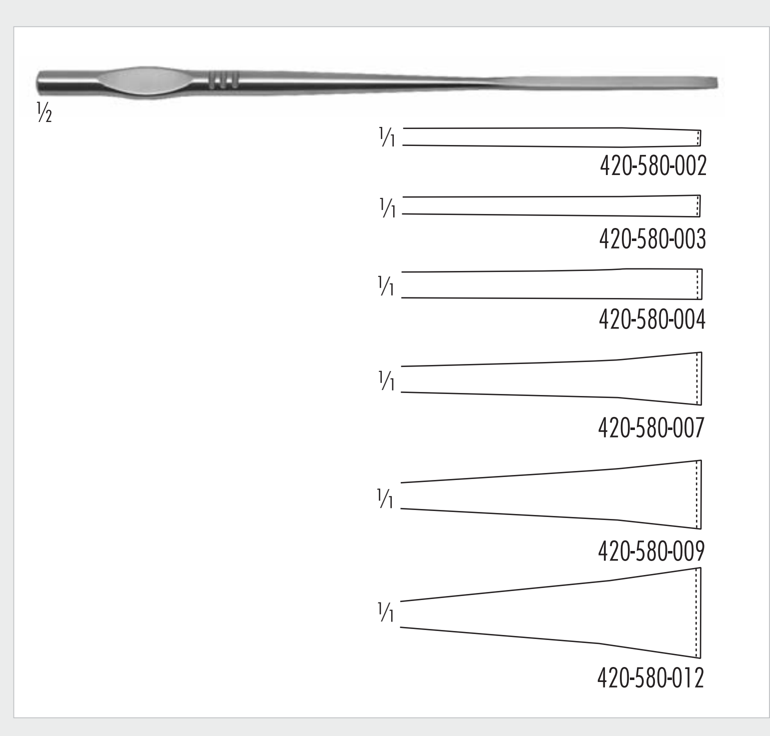




420-582-003 3,0 mm
420-582-045 4,5 mm

WALTER

Flachmeissel mit Hohlkehle, Spitzen verrundet, 190 mm
Chisel with notch, double guarded, 7 ½ inch



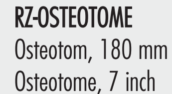
420-580-002 2,0 mm
420-580-003 3,0 mm
420-580-004 4,0 mm
420-580-007 7,0 mm
420-580-009 9,0 mm
420-580-012 12,0 mm

WALTER

Osteotom, 190 mm
Osteotome, 7 ½ inch



420-568-002	2 mm	420-568-008	8 mm
420-568-003	3 mm	420-568-009	9 mm
420-568-004	4 mm	420-568-010	10 mm
420-568-005	5 mm	420-568-011	11 mm
420-568-006	6 mm	420-568-012	12 mm
420-568-007	7 mm	420-568-014	14 mm



RZ-OSTEOTOME

Osteotom, 180 mm
Osteotome, 7 inch



420-572-002 2 mm
420-572-003 3 mm
420-572-004 4 mm
420-572-005 5 mm
420-572-010 10 mm
420-572-011 11 mm
420-572-012 12 mm

CONVERSE

Osteotom mit Stabilisierung, 180 mm
Osteotome with stabilizer, 7 inch




½

420-573-001 gerade/straight
420-573-002 links/left
420-573-003 rechts/right
CONVERSE
Meissel mit Schutz, 19cm
Chisel with single guard, 7$^{1/2}$ inch


½

420-500-200 3,0 mm
REES
Osteotom, mit Aluminium Handgriff, 200 mm
Osteotome, with aluminum handle, 8 inch


½

420-594-002	2 mm	420-594-007	7 mm
420-594-003	3 mm	420-594-008	8 mm
420-594-004	4 mm	420-594-010	10 mm
420-594-005	5 mm	420-594-012	12 mm
420-594-006	6 mm	420-594-015	15 mm

SHEEHAN
Osteotom, 175 mm
Osteotome, 7 inch


½

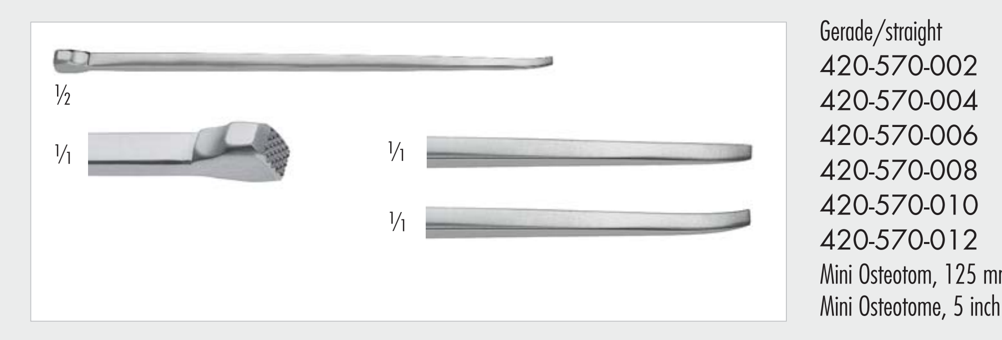
420-596-002 2 mm
420-596-003 3 mm
420-596-004 4 mm
420-596-006 6 mm
420-596-008 8 mm
420-596-010 10 mm
420-596-011 11 mm
420-596-015 15 mm
TARDY
Osteotom, 160 mm
Osteotome, 6$^{1/3}$ inch


½

420-496-001	1 mm	420-496-007	7 mm
420-496-002	2 mm	420-496-008	8 mm
420-496-003	3 mm	420-496-009	9 mm
420-496-004	4 mm	420-496-010	10 mm
420-496-005	5 mm	420-496-012	12 mm
420-496-006	6 mm	420-496-015	15 mm

FRENCH PATTERN
Osteotom, 150 mm
Osteotome, 6 inch





Gerade/straight		Gebogen/curved	
420-570-002	2mm	420-571-002	2mm
420-570-004	4mm	420-571-004	4mm
420-570-006	6mm	420-571-006	6mm
420-570-008	8mm	420-571-008	8mm
420-570-010	10mm	420-571-010	10mm
420-570-012	12mm	420-571-012	12mm

Mini Osteotom, 125 mm
Mini Osteotome, 5 inch



420-702-175CC	2mm
420-703-175CC	3mm
420-704-175CC	4mm
420-706-175CC	6mm

Mini Osteotom, CeraCut®, 175mm
Mini Osteotome, CeraCut®, 7 inch



Gerade/straight		Gebogen/curved	
420-502-002	2mm	420-502-102	2mm
420-502-003	3mm	420-502-103	3mm
420-502-005	5mm	420-502-105	5mm
420-502-007	7mm	420-502-107	7mm
420-502-010	10mm	420-502-110	10mm
420-502-014	14mm	420-502-114	14mm
420-502-016	16mm	420-502-116	16mm
420-502-018	18mm	420-502-118	18mm

TESSIER
Nasen Osteotom, 160 mm
Nasal Osteotome, 6 1/3 inch



210-113-143	3mm
210-113-145	5mm
210-113-147	7mm
210-113-149	9mm

TRAUTMANN
Hohlmeissel, 140 mm
Gouge, 5 1/2 inch





210-240-180 240 g , ∅ 30 mm
COTTLE
Hammer, 1 Seite flach, 1 Seite konvex, 190 mm
Mallet, 1 side plain flat, 1 side convex, 7 ½ inch



210-264-140 140 g , ∅ 25 mm
Hammer, mit auswechselbaren Kunststoffbacken
Mallet, with interchangeable plastic disks

210-265-100
Ersatzbackenpaar, für Hammer 210-264-140
Pair of spare disks, for mallet 210-264-140



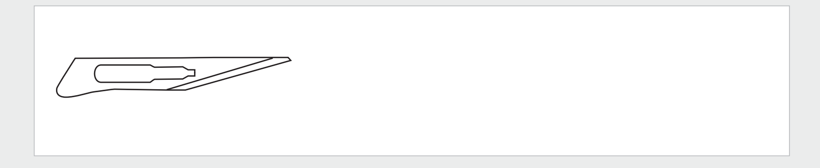
210-019-170 117 g , ∅ 19 mm
Hammer, mit Kupferkopf, 170 mm
Mallet, with copper head, 6 ¾ inch



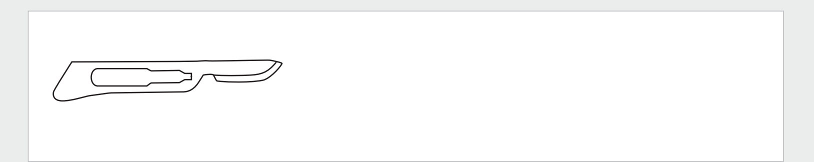
110-110-003
Skalpell Griff Nr. 3, 130 mm
Scalpel handle No.3, 5 ⅛ inch



110-130-077
Skalpell Griff Nr. 7, 165mm
Scalpel handle No. 7, 6 ½ inch

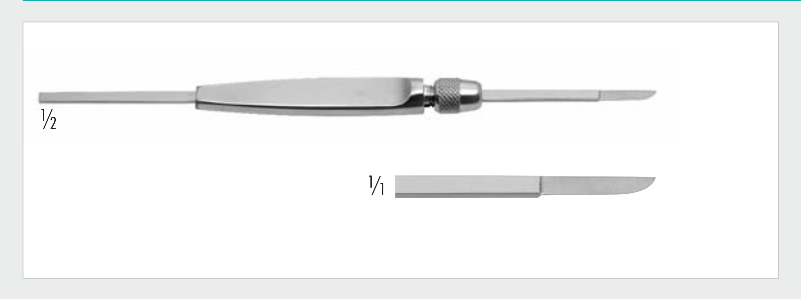


110-201-011
Skalpellklingen Fig 11, 100 Stück
Scalpel blades Fig. 11, 100 pieces



110-201-015
Skalpellklingen Fig. 15, 100 Stück
Scalpel blades Fig. 15, 100 pieces





420-213-160
BRUENINGS
Septummesser, 160 mm
Septum knife, 6 ¼ inch

420-213-000
Ersatzklinge zu 420-216-160
Spare blade for 420-216-160





420-213-140
COTTLE
Septummesser, abgerundete Kanten, 140 mm
Septum knife, stiff blade with rounded edge, 5 ½ inch

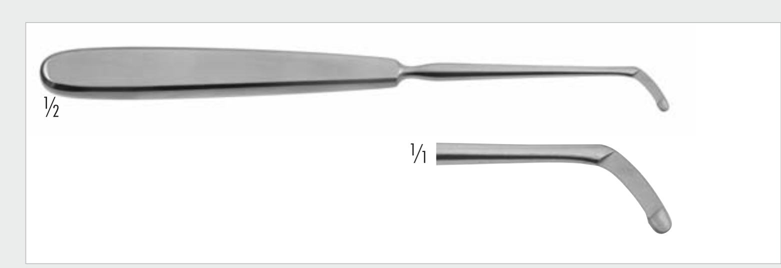


420-552-130
MASING
Knorpelritzmesser, in der Spitze gebogen, 130 mm
Cartilage slitting knife, curved blade, pointed, 5 ⅛ inch

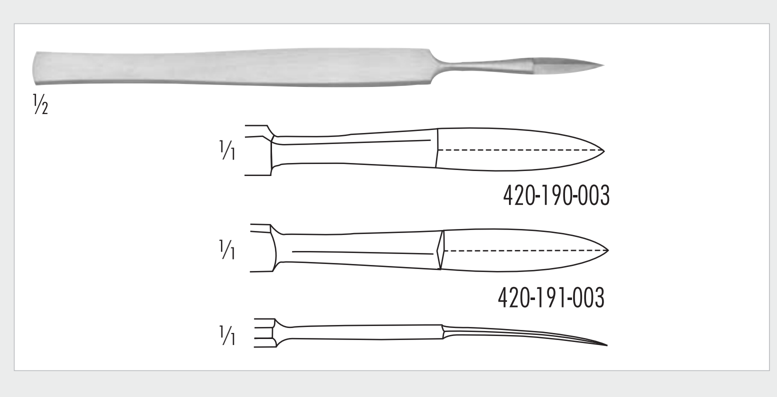


420-205-160
JOSEPH
Plastikmesser, gerade, Spitze verrundet, 150 mm
Button-end knife, straight, 6 inch

420-207-160
CONVERSE
Plastikmesser, gebogen, Spitze verrundet, 160 mm
Button-end knife, curved, 6 ¼ inch



420-209-175
JOSEPH
Zugmesser zum Abtragen von Knorpelvorsprüngen des Septums, 165 mm
Button-end knife, angled for removal of septum cartilage, 6 ½ inch

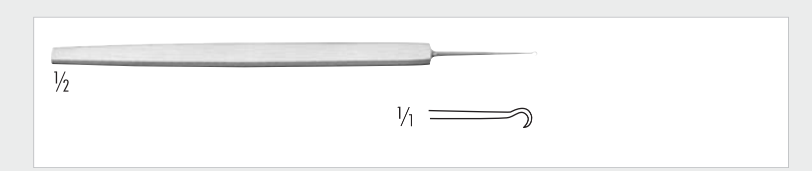


420-190-003 gerade/straight
420-191-003 gebogen/curved
JOSEPH
Plastikmesser mit doppelter Schneide, scharf, 160 mm
Double-edge nasal knife, sharp, 6 ¼ inch

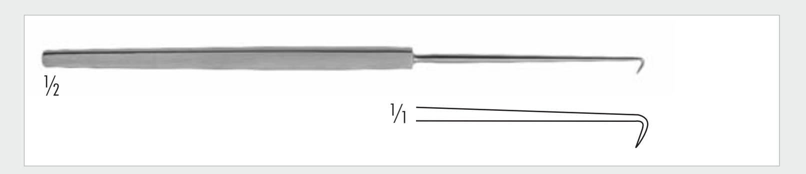


420-195-150
FREER
Mukosamesser, 150 mm
Mucosa knife, 6 inch

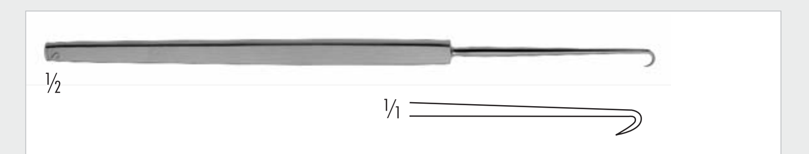




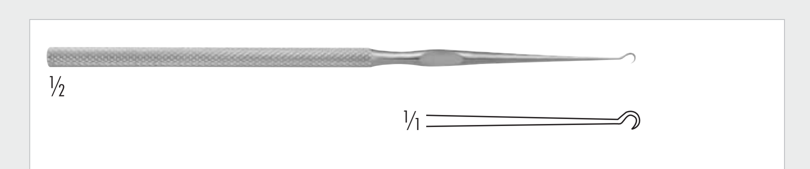
170-010-125
GRAEFE
Hauthäkchen, scharf, 120 mm
Skin hook, sharp, 4 ¾ inch



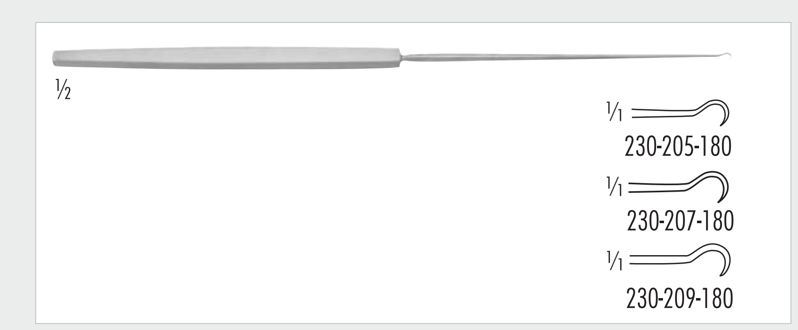
230-285-160
COTTLE
Scharfes Sehnenhäkchen, 120° retrograd gebogen, 150 mm
Tenaculum hook, 120° retrograde curved, 6 inch



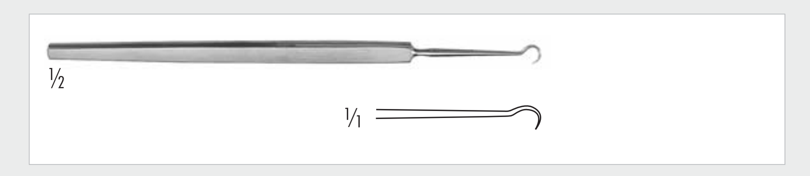
230-286-160
COTTLE
Scharfes Sehnenhäkchen, 180° retrograd gebogen, 150 mm
Tenaculum hook, 180° retrograde curved, 6 inch



230-203-150
KILNER
Hauthäkchen, scharf, 150 mm
Skin hook, sharp, 6 inch



230-205-180 klein/small
230-207-180 mittel/medium
230-209-180 groß/large
GILLIES
Hauthäkchen, scharf, 180 mm
Skin hook, sharp, 7 inch



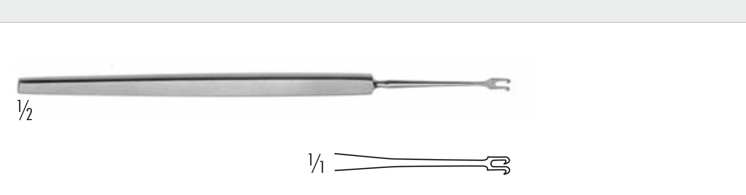
170-013-130 130 mm, 5 ¼ inch
170-013-180 180 mm, 7 inch
FRAZIER
Hauthäkchen, scharf
Skin hook, sharp



250-064-376
FISCH
Hauthäkchen, 90° abgewinkelt, scharf, 190 mm
Skin hook, 90° angled, sharp, 7 ½ inch

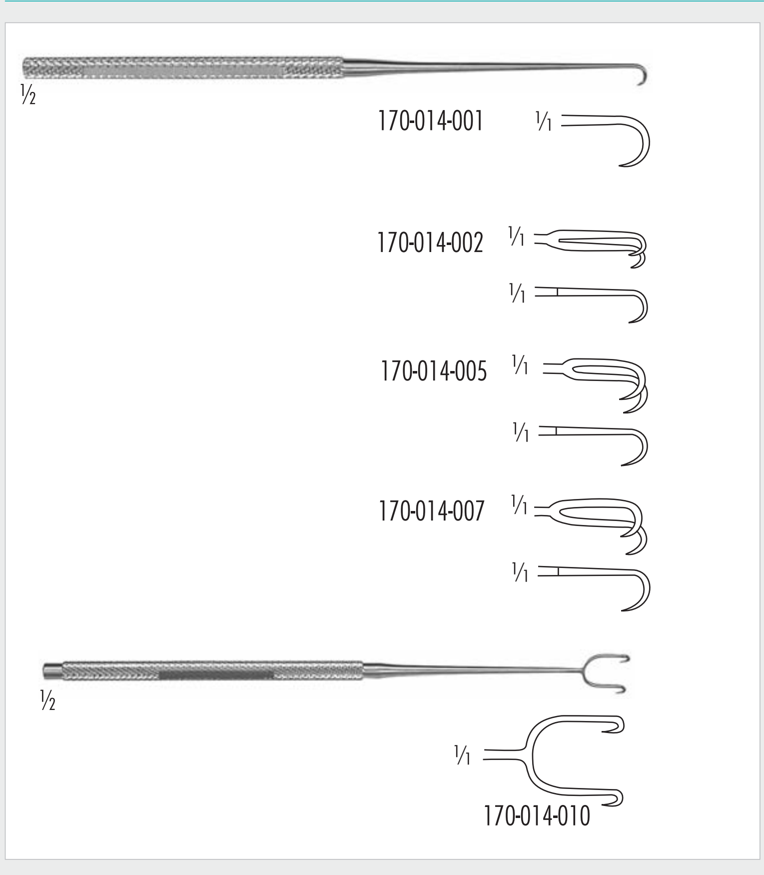


170-060-001 klein/small
170-060-002 groß/large
CUSHING
Stumpfes Häkchen, 190 mm
Buttoned hook, 7 ½ inch



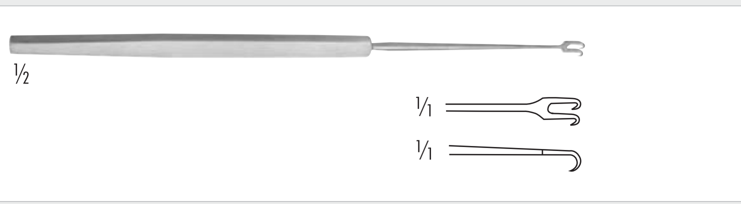
170-042-130
GUTHRIE
Hauthäkchen, Fig. 1, 120 mm
Skin hook, Fig. 1, 4 ¾ inch



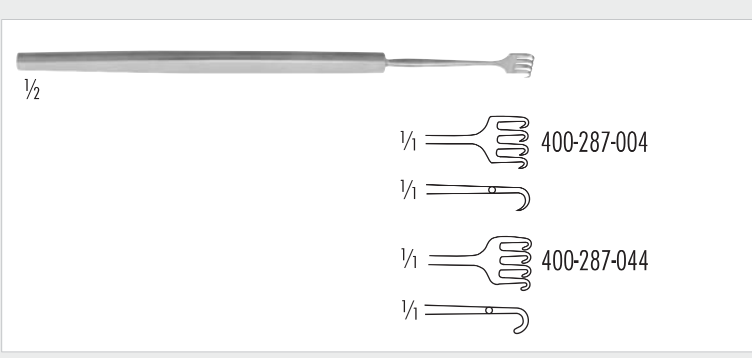


170-014-001
JOSEPH
Hauthäkchen, scharf, 1 Zinken, 150 mm
Skin hook, sharp, single prong, 6 inch

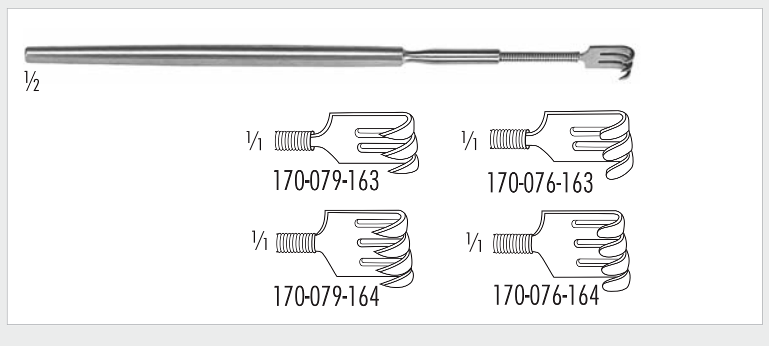
170-014-002 2 mm
170-014-005 5 mm
170-014-007 7 mm
170-014-010 10 mm
JOSEPH
Hauthäkchen, 2 Zinken, scharf, 160 mm
Skin hook, sharp, 2 prongs, 6 ¼ inch



230-220-001
FREER
Hauthäkchen, 2 Zinken, scharf, 150 mm
Skin hook, 2 prongs, sharp, 6 inch



400-287-004 scharf/sharp
400-287-044 stumpf/blunt
ROLLET
Hauthäkchen, 4 Zinken, 135 mm
Skin hook, 4 prongs, 5 ¼ inch



170-079-163 3 Zinken, scharf / 3 prongs, sharp
170-079-164 3 Zinken, stumpf / 3 prongs, blunt
170-076-163 4 Zinken, scharf / 4 prongs, sharp
170-076-164 4 Zinken, stumpf / 3 prongs, blunt
Feine Wundhaken mit flexibler Spitze, 160 mm
Fine hand held retractor with flexible tip, 6 ¼ inch



170-008-381
COTTLE
Wundhäkchen mit Ring, Arbeitslänge: 38 mm, scharf, 2-zahnig, 8 mm
Thumb retractor, working lenght 1 ½ inch, sharp, double hook, 8 mm wide



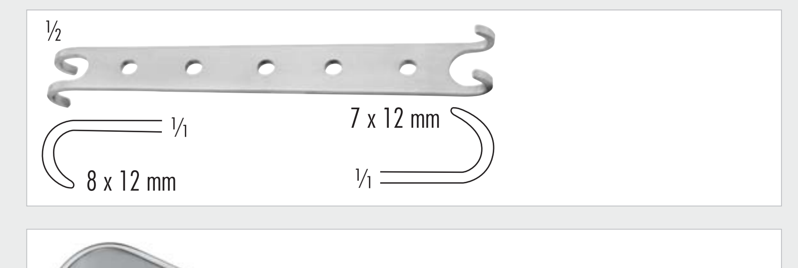


420-186-145
FOMON
Nasenflügelretraktor, 2 Zinken, stumpf/stumpf, 140 mm
Alar retractor, 2 prongs, blunt/blunt, 5 ½ inch

230-281-140
COTTLE
Nasenflügelretraktor, 2 Zinken, stumpf/spitz, 140 mm
Alar retractor, 2 prongs, blunt/sharp, 5 ½ inch

230-282-140
COTTLE
Nasenflügelretraktor, 2 Zinken, spitz/stumpf, 140 mm
Alar retractor, 2 prongs, sharp/blunt, 5 ½ inch

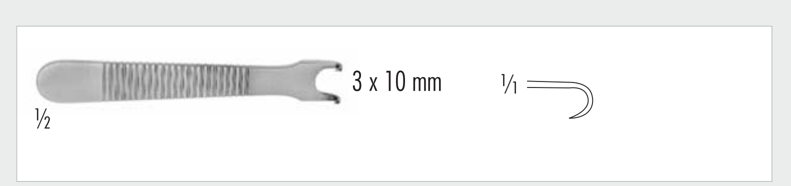
230-260-200
COTTLE-NEIVERT
Nasenflügelretraktor, mit Säge- oder Messerführung,
2 Zinken, stumpf, 200 mm
Alar retractor, with saw and knife guide, 2 prongs, blunt, 8 inch



260-501-120
CONVERSE
Alar-Doppelhaken, 2 Zinken, stumpf/stumpf, 120 mm
Alar retractor, double-ended, 2 prongs, blunt/blunt, 4 ¾ inch

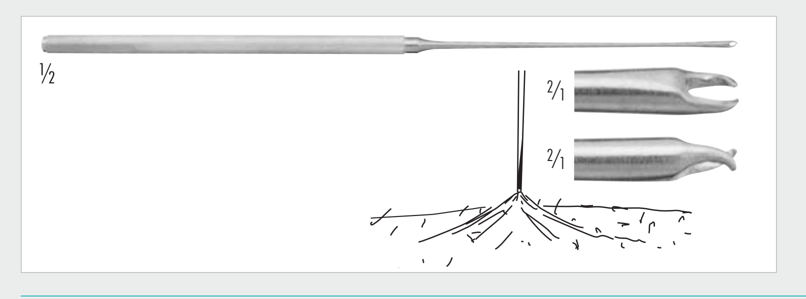


420-187-155 sharp
420-187-255 blunt
RUBIN
Haken, 7mm lang, 5,5mm breit
Hook, 7mm length, 5.5mm wide



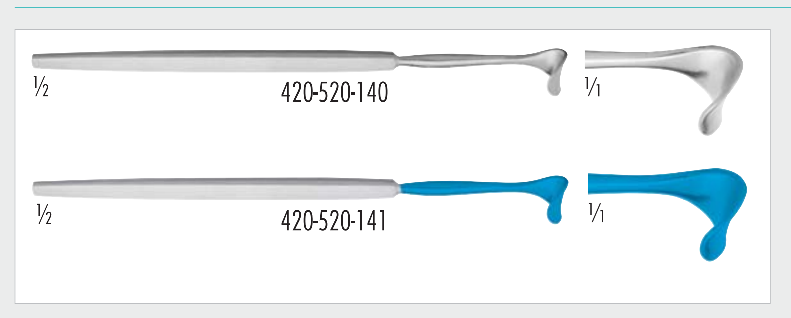
420-524-150
COTTLE
Alar Retraktor mit Lippe, 150 mm
Alar retractor with lip, 6 inch

420-184-100 spitz/spitz / sharp/sharp
420-185-100 stumpf/stumpf / blunt/blunt
KILNER
Nasenflügelretraktor, 2 Zinken, 85 mm
Alar retractor, 2 prongs, 3 ¼ inch



250-064-392 ∅ 1,8 mm
Hautkralle mit Schutzkappe, 185 mm
Skin picks with protection cap, 7 ¼ inch

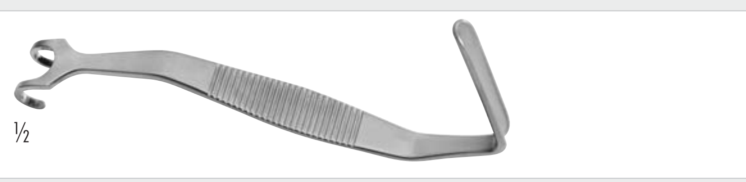




420-520-140 6x12 mm
420-520-141 6x12 mm, **isoliert/insulated**
MASING

420-523-140 10x12 mm
420-523-141 10x12 mm; **isoliert/insulated**
COTTLE

Alar Retraktor, 140 mm
Alar retractor; 5 ½ inch



420-256-135
WALTER
Doppelhaken, eine Seite mit 2 stumpfen Haken, eine Seite mit stumpfen Blatt
Double-ended retractor, one end 2 blunt prongs and one with blade



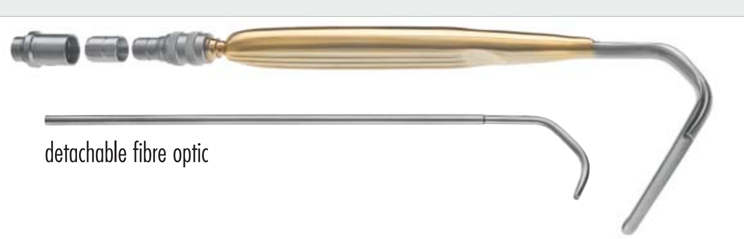
420-260-005 5mm + 42x7mm
420-260-008 8mm + 38x7mm
420-260-013 13mm + 38x7mm
420-260-113 13mm + 42x10mm
AUFRICHT
Doppelendiger Nasenhaken, stumpf
Double ended nasal retractor, blunt



420-250-160 10x45 mm Blatt/blade
420-251-160 10x30 mm Blatt/blade
AUFRICHT
Nasenretraktor, 160 mm
Nasal retractor, 6 ¼ inch



420-057-160
DEVINE-MILLARD-AUFRICHT
Nasenretraktor, 10 x 45 mm Blatt, 180 mm
Nasal retractor, 10 x 45 mm blade, 7 inch
420-257-160
Dito, mit KL-Anschluß
Same, with fibre optic



420-255-160
AUFRICHT
Nasenretraktor, mit Kaltlicht, 120°, 45 mm Blatt, 160 mm
Nasal retractor, with fibre optic, 120°, 45 mm blade, 6 ¼ inch

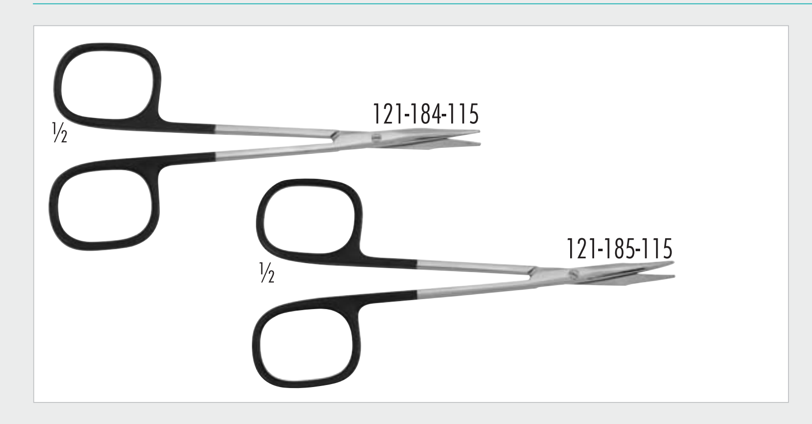


420-652-100
420-752-100 mit Kaltlichtträger/with fibre optic light carrier
MALINIAC
Nasenretraktor, 9 x 45 mm, 100 mm
Nasal retractor, 9 x 45 mm, 4 inch



420-236-110 11 x 44 mm
CONVERSE
Nasenretraktor, mit Kaltlicht, 110 mm
Nasal retractor, with fibre optic, 4 ⅓ inch

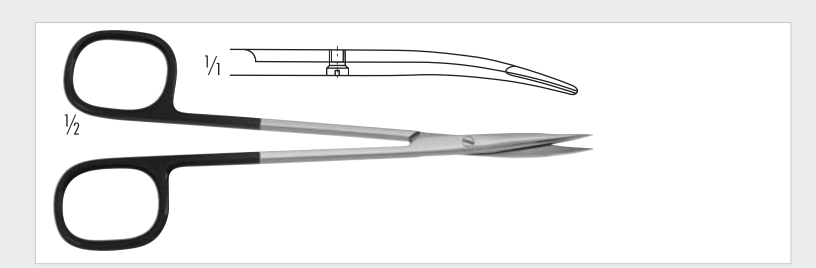




121-182-115 spitz/gerade / sharp/straight
121-183-115 spitz/gebogen / sharp/curved
121-184-115 stumpf/gerade / blunt/straight
121-185-115 stumpf/gebogen / blunt/curved

STEVENS

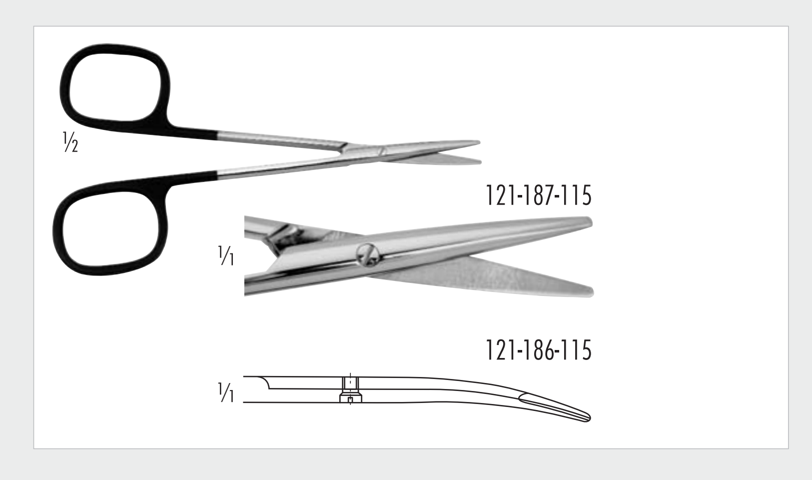
Super-Cut Präparierscheren, mit eckigen Ringen, 115 mm
Super-Cut Dissecting scissors, with square rings, 4 ½ inch



121-190-140

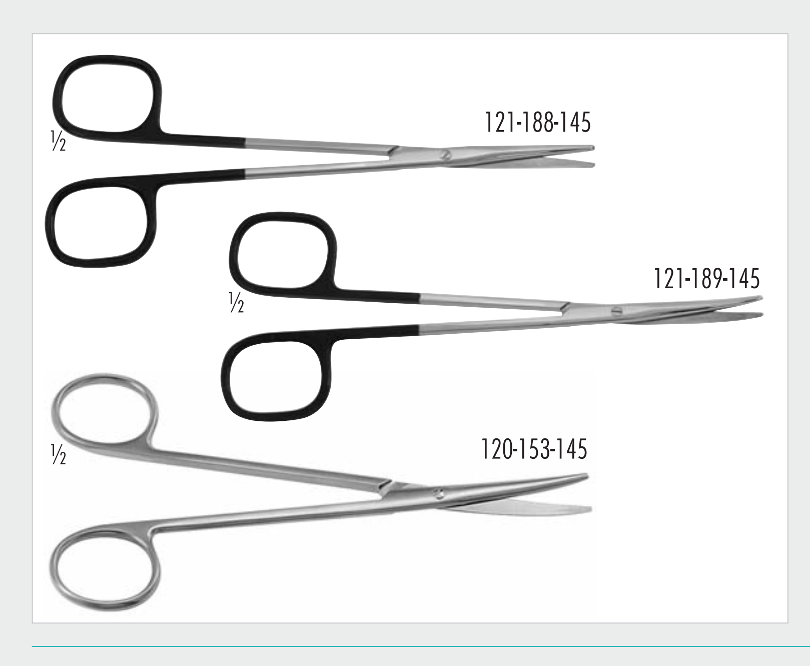
REYNOLDS-JAMESON

Super-Cut Gefäß-Schere, gebogen, mit eckigen Ringen, 140 mm
Super-Cut Vessel scissors, curved, with square rings, 5 ½ inch



121-187-115 gerade / straight
121-186-115 gebogen / curved

Super-Cut Präparierscheren, mit eckigen Ringen, 115 mm
Super-Cut Dissecting scissors, with square rings, 4 ½ inch



121-188-145 gerade / straight
121-189-145 gebogen / curved

METZENBAUM

Super-Cut Präparierscheren, mit eckigen Ringen, 145 mm
Super-Cut Dissecting scissors, with square rings, 5 ¾ inch

120-153-145

METZENBAUM

Präparierscheren, feines Modell, gebogen, 145 mm
Dissecting scissors, delicate pattern, curved, 5 ¾ inch

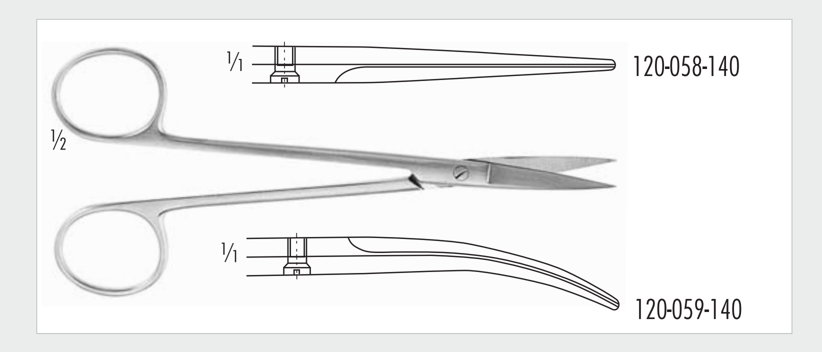




120-967-130 gerade/straight
120-966-130 gebogen/curved

GOLDMAN FOX

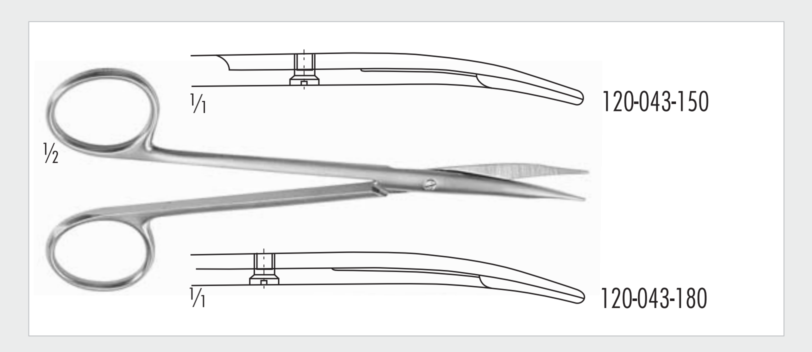
TC Sehnenschere, eine Schneide gezahnt, 130 mm
TC Tendon scissors, one blade serrated, 5 ⅛ inch



120-058-140 gerade / straight
120-059-140 gebogen / curved

JOSEPH

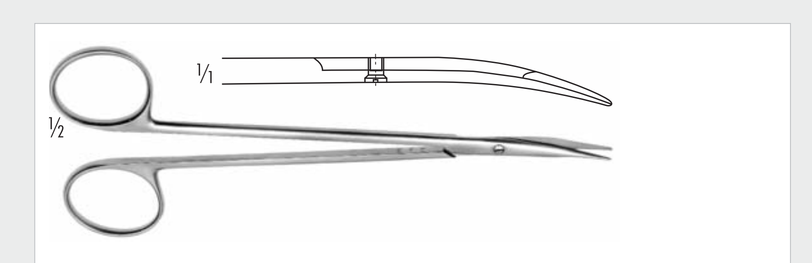
Plastikschere, spitz/spitz, 150 mm
Plastic scissors, sharp/sharp, 6 inch



120-043-150 145 mm, 5 ¾ inch
120-043-180 175 mm, 7 inch

REYNOLDS

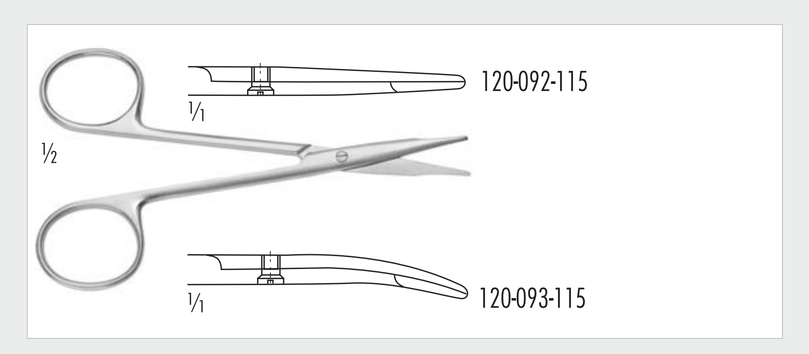
Präparierschere, delikat, stumpf/stumpf, gebogen
Dissecting scissors, delicate, blunt/blunt, curved



120-315-150

JAMESON

Präparierschere, delikat, stumpf/stumpf, gebogen, 150 mm
Dissecting scissors, delicate, blunt/blunt, curved, 6 inch

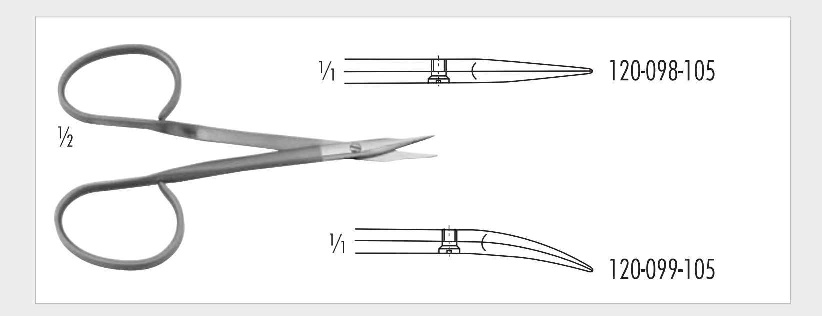


120-092-115 gerade, stumpf/stumpf
straight, blunt/blunt
120-093-115 gebogen, stumpf/stumpf
curved, blunt/blunt

STEVENS

Gefäß - und Sehnenschere, 110 mm
Vessel and tendon scissors, 4 ⅜ inch

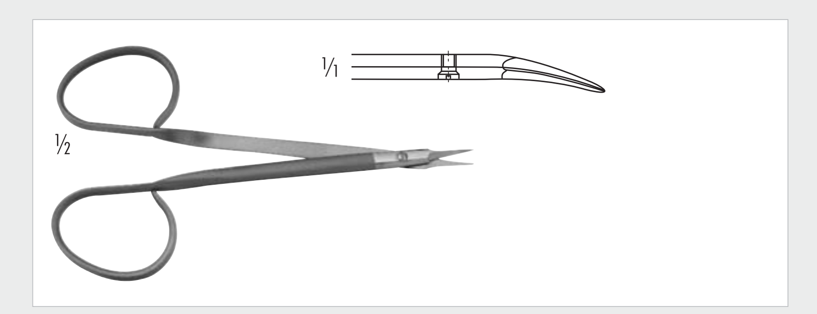




120-098-105 gerade / straight
120-099-105 gebogen / curved

STEVENS

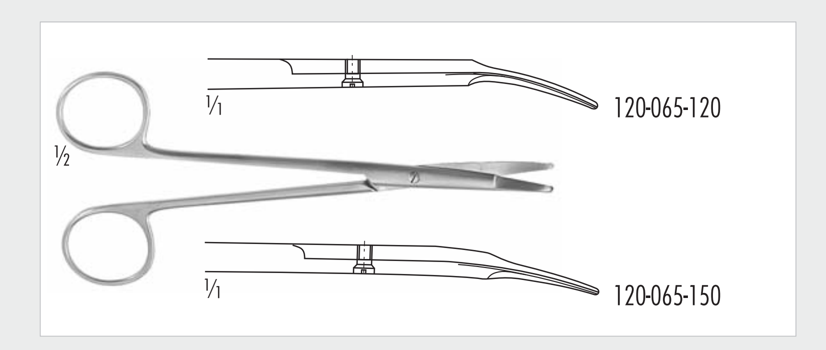
Gefäß- und Sehnenschere, spitz, mit offenem Ring, 100 mm
Vessel and tendon scissors, sharp, with Ribbon handle, 4 inch



120-398-120

STEVENS

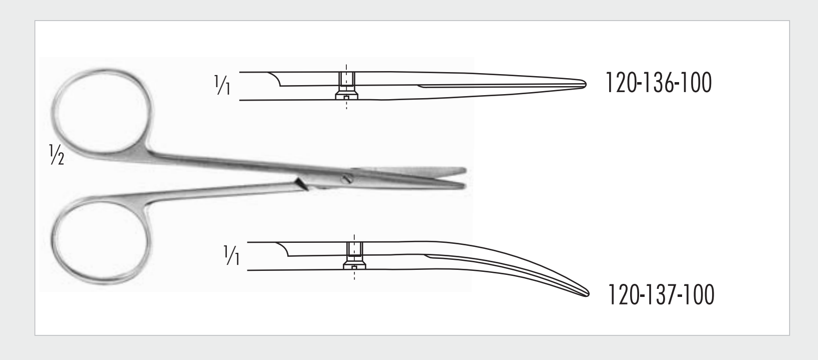
Besonders feine Präparierschere, spitz, leichtes Modell mit offenem Ring, 110 mm
Dissecting scissors, delicate, sharp, light pattern with Ribbon handle, 4 3/8 inch



120-065-120 125 mm, 5 inch
120-065-150 150 mm, 6 inch

KILNER

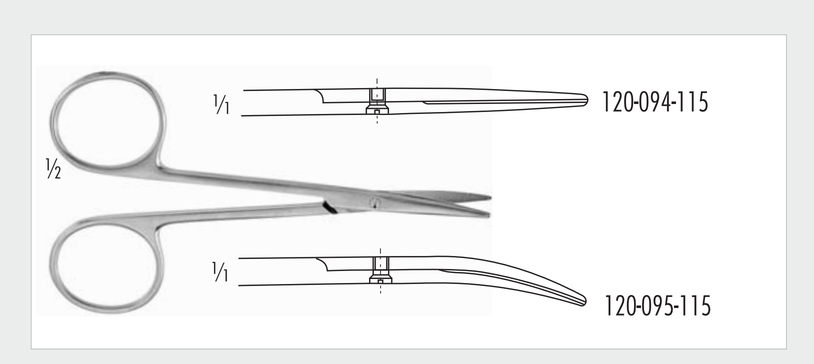
Präparierschere, mit stark abgeflachten Blättern, gebogen, stumpf/stumpf
Dissecting scissors, with bevelled blade, curved, blunt/blunt



120-136-100 gerade / straight
120-137-100 gebogen / curved

COTTLE-KNAPP

Plastikschere, stumpf/stumpf, 105 mm
Plastic scissors, blunt/blunt, 4 1/8 inch

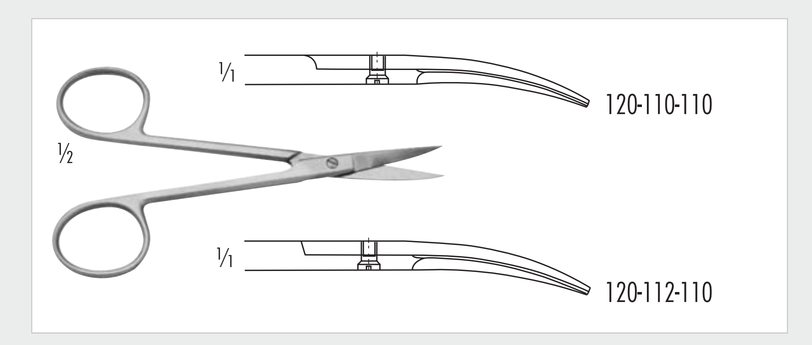


120-094-115 gerade / straight
120-095-115 gebogen / curved

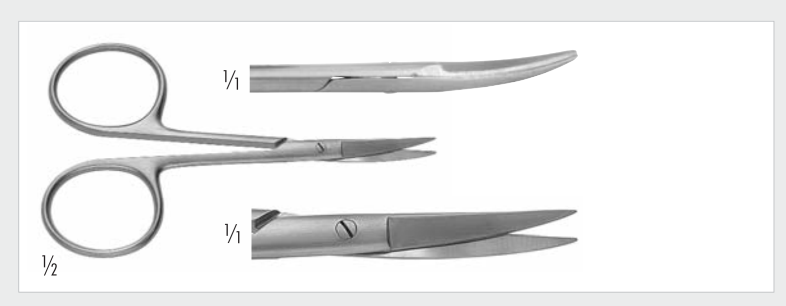
STRABISMUS

Präparierschere, 115 mm
Dissecting scissors, 4 ½ inch

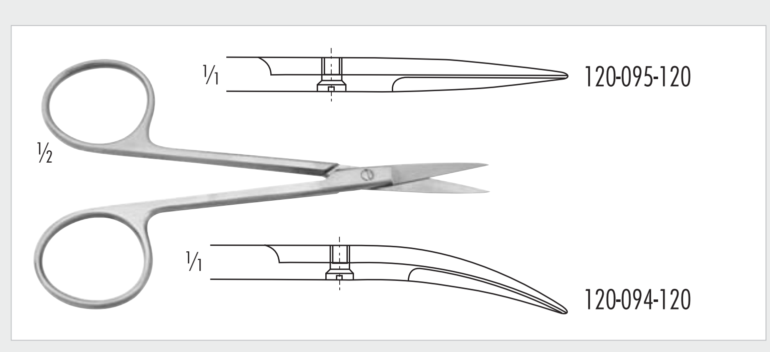




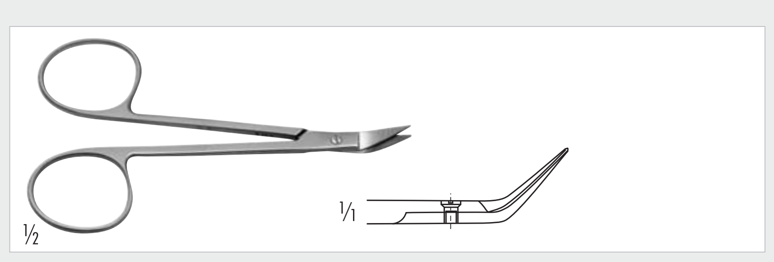
120-110-110 spitz/spitz / sharp/sharp
120-112-110 stumpf/stumpf / blunt/blunt
COTTLE-MASING
Nasenplastikschere, gebogen, 105 mm
Nasal plastic scissors, curved, 4 ⅛ inch



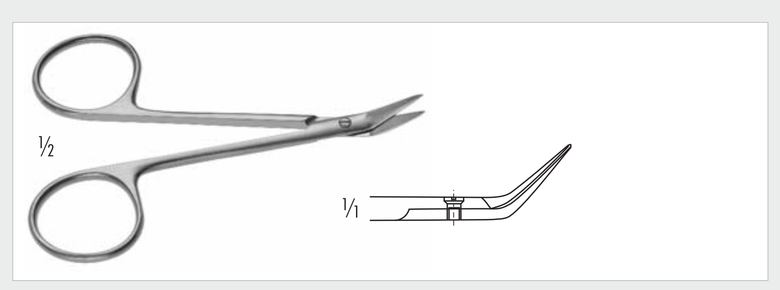
120-081-100
121-081-100 **Super Cut**
Iris Schere, gebogen, mit großen Ringen, 100 mm
Iris scissors, curved, with large handle, 4 inch



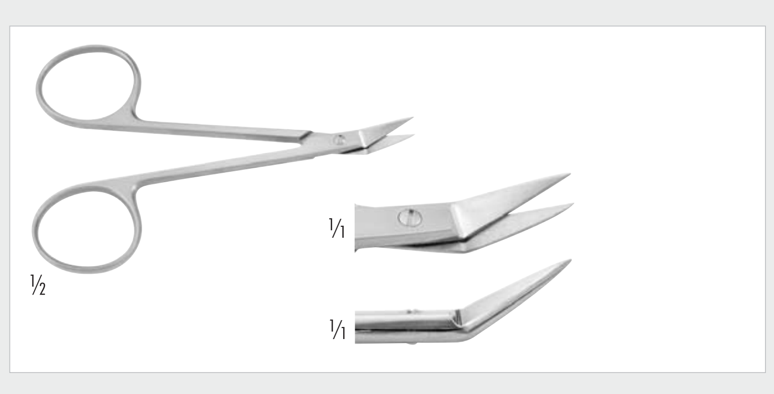
120-095-120 gerade/straight
120-094-120 gebogen/curved
Feine Schere, 115 mm
Delicate scissors, 4 ½ inch



120-411-090
DANIELS
Präparierschere, 40° abgewinkelt, 90 mm
Dissecting scissors, 40° angled, 3 ½ inch

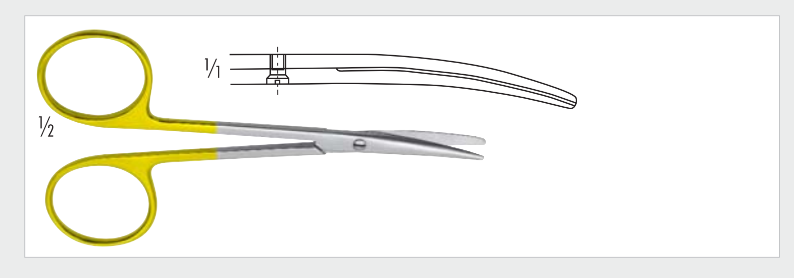


120-411-105
BIRO
Schere, abgewinkelte Schneide, rundes Maul, 105 mm
Scissors, angled blades, round shape, 4 inch

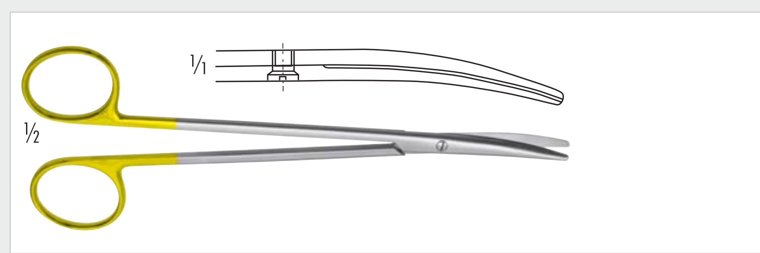


120-511-100
121-511-100 **Super Cut**
CONVERSE
Nasenschere, aufgewinkelte Blätter, spitz/spitz, 104 mm
Nasal scissors, angled up blades, sharp/sharp, 4 ⅛ inch

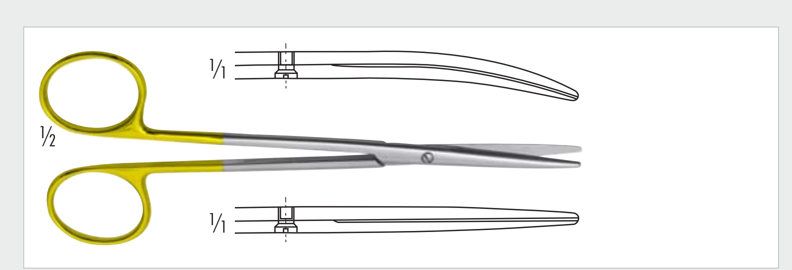




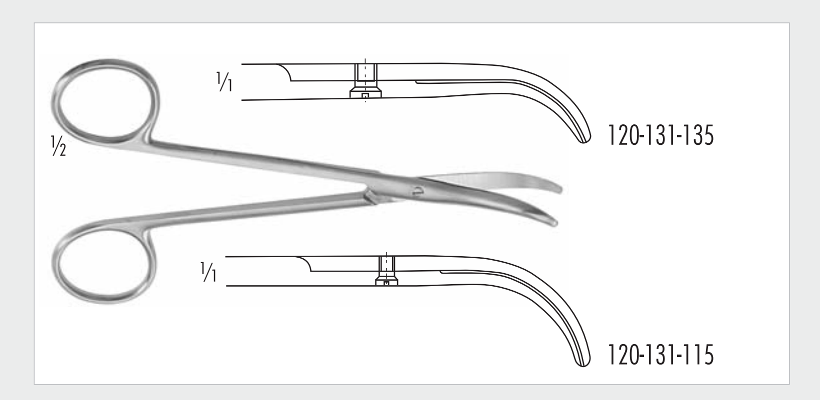
120-595-115
BABY-METZENBAUM
TC Präparierschere, gebogen, 115 mm
TC Dissecting scissors, curved, 4 ½ inch



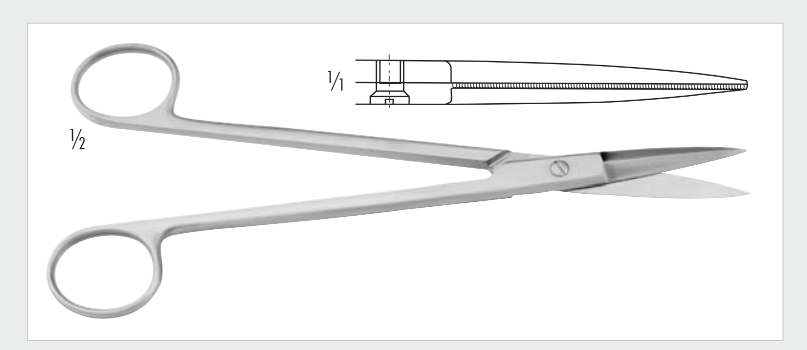
120-511-145
METZENBAUM
TC Präparierschere, Fig 1, gebogen, 145 mm
TC Dissecting scissors, Fig. 1, curved, 5 ¾ inch



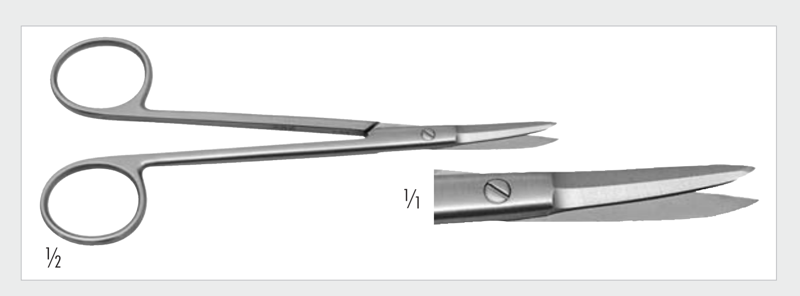
120-521-145 gebogen/curved
120-520-145 gerade/straight
METZENBAUM-FINO
TC Präparierschere, stumpf, 145 mm
TC Dissecting scissors, blunt, 5 ¾ inch



120-131-115 115 mm, 4 ½ inch
120-131-135 135 mm, 5 ¼ inch
FOMON
Nasenflügelschere, stark gebogen
Lower lateral scissors, strongly curved

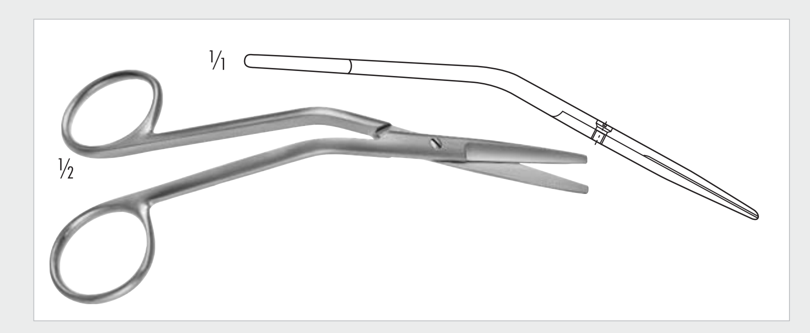


120-190-190
MC INDOE
Knorpelschere, mit außen schneidenden Blättern, spitz/spitz, gerade, gezahnt, 185 mm
Cartilage scissors, straight, serrated blades. Blades: cutting on both sides, sharp/sharp, 7 ¼ inch

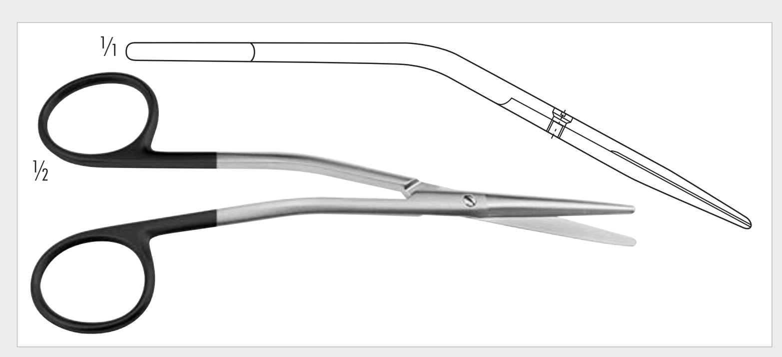


120-281-110 spitz, 130mm/pointed, 5 inch
120-281-130 stumpf, 110mm/pointed, 4 ¾ inch
BEUSE
Nasenschere, leicht gebogen
Nasal Scissors, slightly curved





120-280-150
FOMON
Nasenschere, beide Schneiden gezahnt, kniegebogen, stumpf/stumpf, 145 mm
Dorsal scissors, straight, serrated blades, knee bent, blunt/blunt, 5 ¾ inch



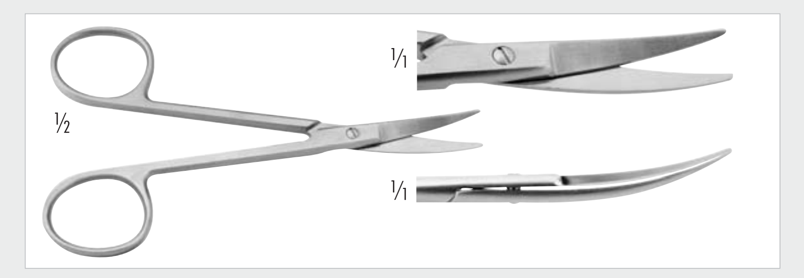
121-280-145
FOMON
SC Nasenschere, kniegebogen, ein gezahntes Blatt, 145 mm
SC Dorsal scissors, knee bent, one serrated blade, 5 ¾ inch



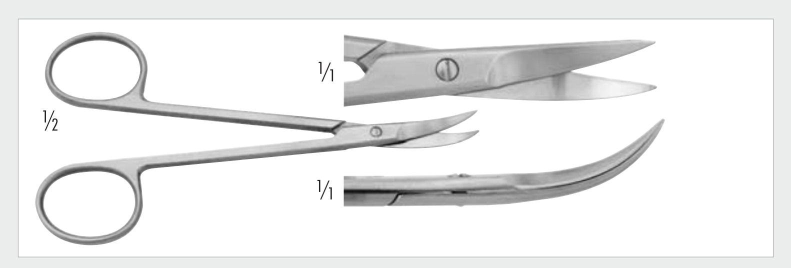
120-281-160
121-281-160 **Super-Cut**
120-581-160 **TC**
COTTLE
Nasenschere, kniegebogen, stumpf/stumpf, 165 mm
Dorsal scissors, straight blades, knee bent, blunt/blunt, 6 ½ inch



120-585-180
KNIGHT
TC Nasenschere, 180 mm
TC Nasal Scissors, 7 inch

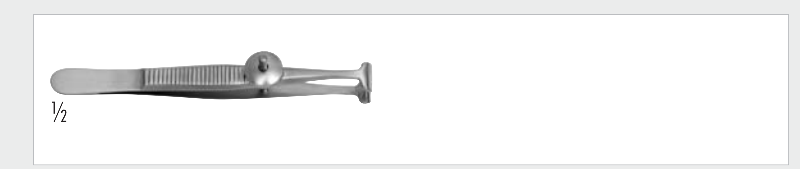


120-379-115
COTTLE
Bulldog-Schere, stumpf/stumpf, 115 mm
Bulldog scissors, blunt/blunt, 4 ½ inch



120-053-115
CHADWICK
Schere, gebogen, spitz, 115 mm
Scissors, curved, sharp, 4 ½ inch

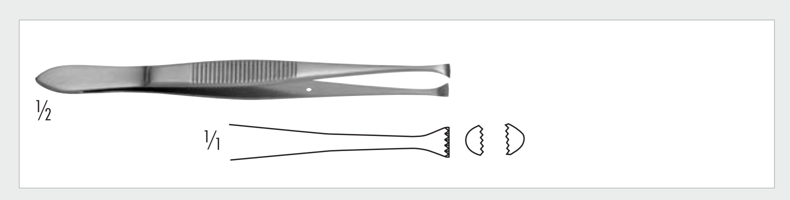




420-730-085
COTTLE
Columella-Pinzette für Kinder, mit Stellschraube
Columella clamp for children, with adjusting screw

420-730-100
COTTLE
Columella-Pinzette, mit feststehenden Fixierrollen und Stellschraube, 100 mm
Columella clamp, with fixation bearings and adjusting screw, 4 inch

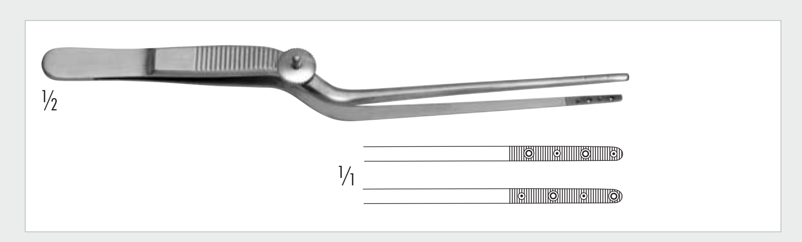
130-552-120 120mm, 4 ¾ inch
130-552-150 150mm, 6 inch
ADSON-BRAUN
Wundrandpinzette, 7x7 Zähne
Tissue forceps, 7x7 teeth



400-025-110
GRAEFE
Hautfasspinzette, mit scharfen Zähnen, 110 mm
Tissue forceps, with sharp teeth, 4 ³⁄₈ inch



130-558-150
GLANZ
Pinzette atraumatisch, 150 mm
Atraumatic tissue forceps, 6 inch



420-732-155
COTTLE
Fixierpinzette, mit Stellschraube, bajonettförmig, gerieft mit Zähnen, 155 mm
Lower lateral forceps, with adjusting screws, bayonet shaped, serrated with teeth, 6 inch



290-552-160
DEBAKEY
Atraumatische Pinzette, gerade, 2 mm Spitze, 160 mm
Atraumatic forceps, straight, 2 mm tip, 6 ¼ inch

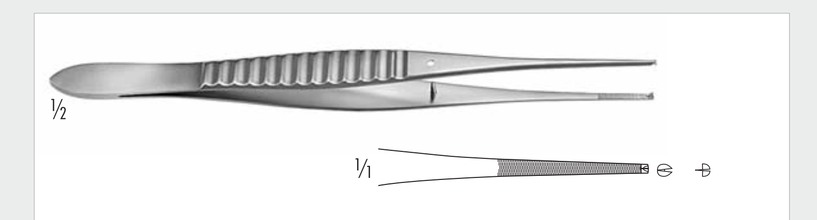


420-733-155
MICRO-ADSON-BIEMER
Chirurgische Pinzette, 5 x 6 Zähne, bajonettförmig, 155 mm
Tissue forceps, 5 x 6 teeth, bayonet shaped, 6 inch

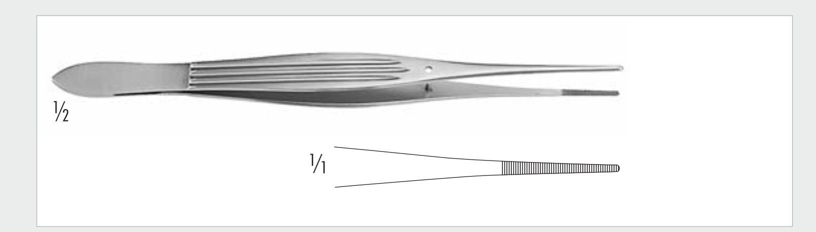


410-247-165
SHEEN
Nasenpinzette mit 6mm Löffel, bajonett gebogen, 165mm
Nasal Forceps with 6mm spoon, bayonet shape, 6 ½ inch





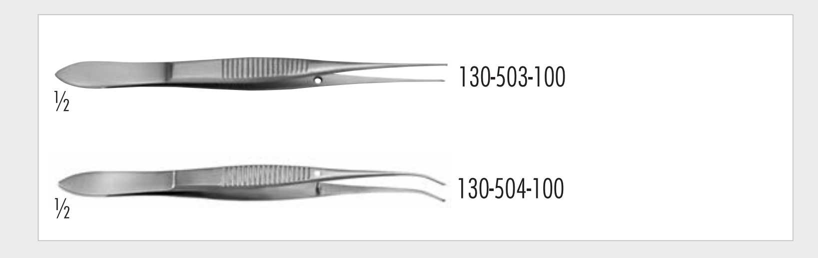
130-120-150
GILLIES
Chirurgische Pinzette, 1 x 2 Zähne, 160 mm
Tissue forceps, 1 x 2 teeth, 6 ¼ inch



130-028-150
MC INDOE
Anatomische Pinzette, 150 mm
Dissecting forceps, 6 inch



130-500-100 gerade/straight
130-501-100 gebogen/curved
GRAEFE
Feine anatomische Pinzette, 100 mm
Delicate dressing forceps, 4 inch



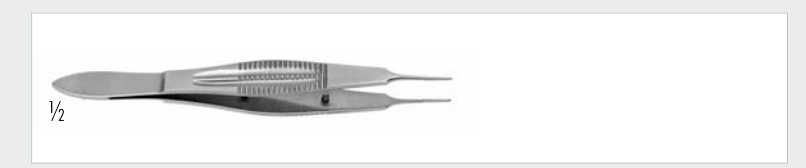
130-503-100 gerade/straight
130-504-100 gebogen/curved
GRAEFE
Chirurgische Pinzette, 1 x 2 Zähne, 100 mm
Tissue forceps, 1 x 2 teeth, 4 inch



130-144-125
SEMKEN
Anatomische Pinzette, 125 mm
Dressing forceps, 5 inch

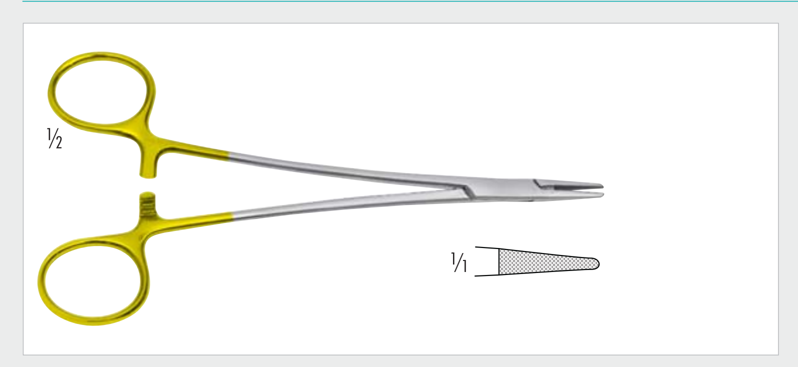


130-145-125
SEMKEN
Chirurgische Pinzette, 1 x 2 Zähne, 125 mm
Tissue forceps, 1 x 2 teeth, 5 inch

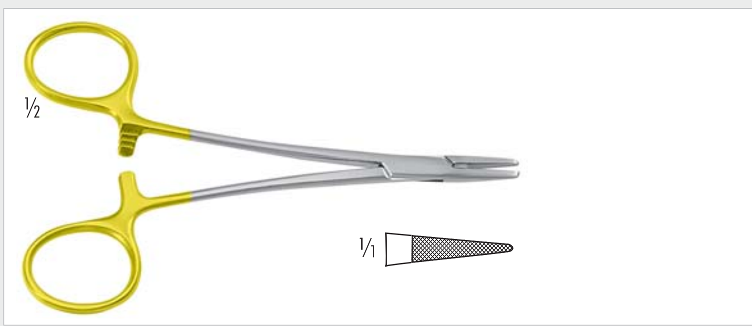


400-137-050
CASTROVIEJO
Nahtpinzette mit Fadenplatte, 0,5 mm, 1 x 2 Zähne, 100 mm
Suture forceps with tying platform, 0.5 mm, 1 x 2 teeth, 4 inch





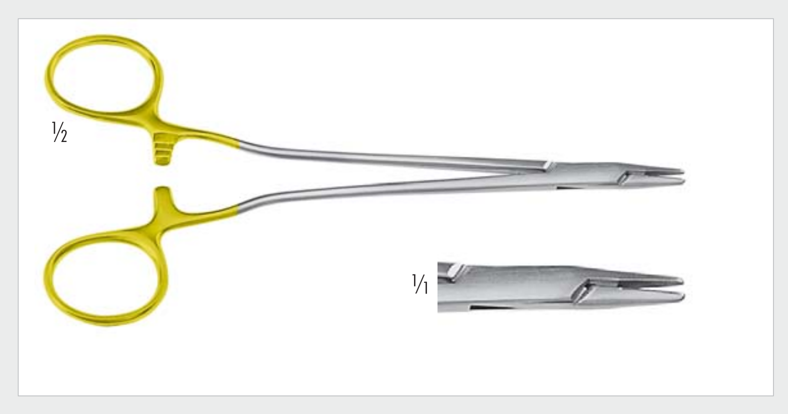
180-542-150
BABY-CRILE-WOOD
TC Nadelhalter, 150 mm
TC Needle holder, 6 inch



180-537-130
HALSEY
TC Nadelhalter, 130 mm
TC Needle holder, 5 ⅛ inch



180-533-130
NEIVERT
TC Nadelhalter, 130 mm
TC Needle holder, 5 ⅛ inch



180-531-150 150 mm/6 inch
180-531-170 170 mm/6 ¾ inch
SENNING
TC Nadelhalter, durch seine schlanke Form besonders für tiefe Nähte bei rhinoplastischen Operationen geeignet, 170 mm
TC Needle holder, used for suturing in rhinoplastic surgery, 6 ¾ inch

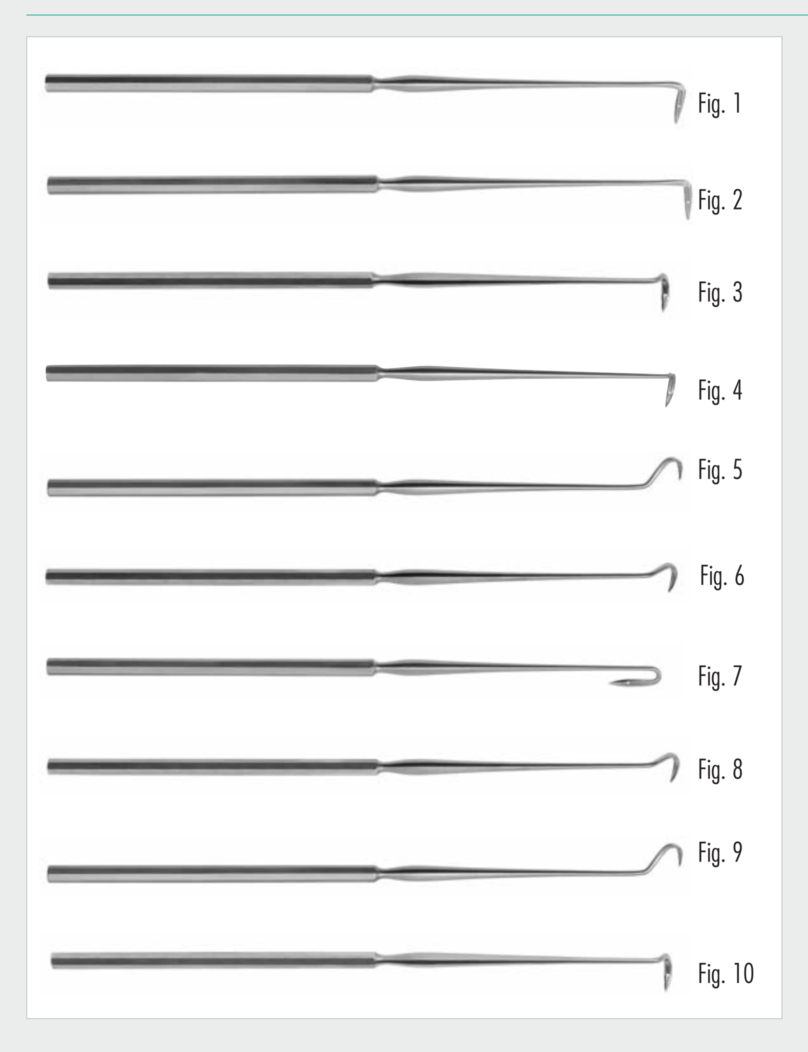


180-588-150
MINI-GILLIES
TC Nadelhalter, 150 mm
TC Needle holder, 6 inch



250-264-246
JACOBSON
Mikro Nadelhalter, Rundgriff, gerade, mit Sperre, diamantiertes Maul, 185 mm
Micro Needle holder, round handle, straight, with catch, diamond dusted jaws, 7 ¼ inch

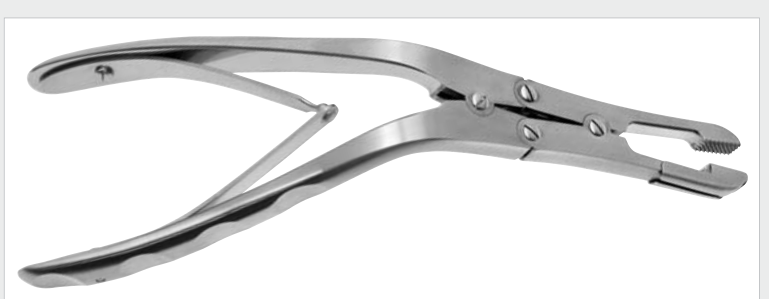




420-555-001 Fig. 1
420-555-002 Fig. 2
420-555-003 Fig. 3
420-555-004 Fig. 4
420-555-005 Fig. 5
420-555-006 Fig. 6
420-555-007 Fig. 7
420-555-008 Fig. 8
420-555-009 Fig. 9
420-555-010 Fig. 10

YANKAUER

Septumnadel, 200 mm
Septum needle, 8 inch



420-390-200

Knorpelritzzange mit abnehmbarem einseitigem Schutz für rechts und links sowie Schutz für ein gleichzeitiges Einritzen beider Knorpelseiten, 200 mm
Cartilage morcelizer forceps with removable guard, converts cartilage into a membranous-like structure, permitting repositioning of the septum to midline, 8 inch



420-189-210

GOLDMANN

Nasenfrakturaufrichter, runde Form, 200 mm
Septum elevator, round (displacer), 8 inch


½

420-557-170

BOIES

Elevator zur Reposition von Nasenbeinbrüchen, 170 mm
Elevator for septum repositioning, 6 ¾ inch

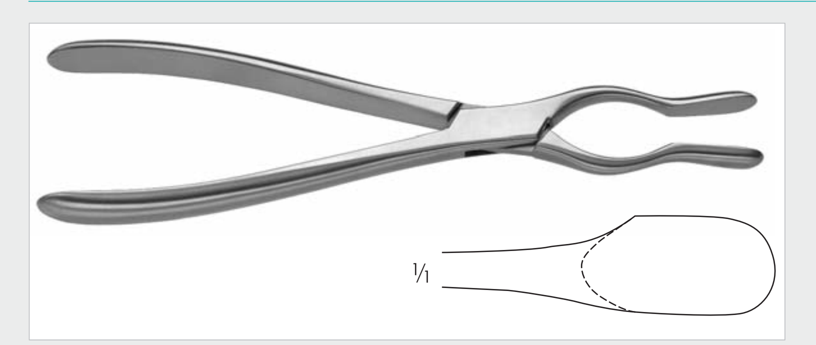

½

420-555-195

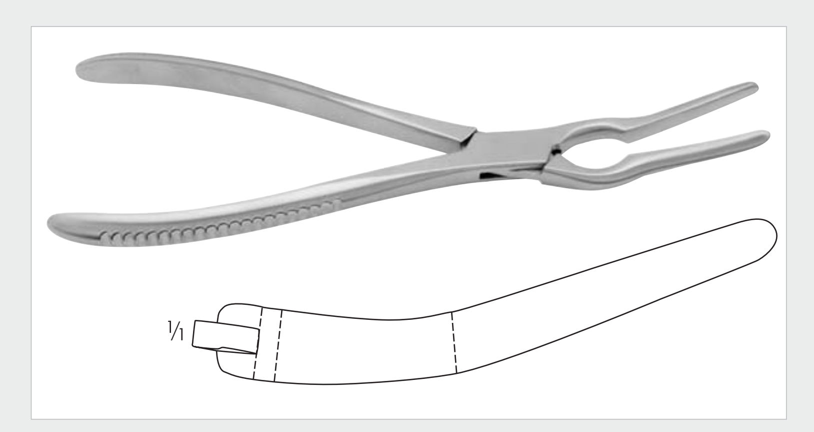
BOIES

Nasenfrakturelevator, 9 mm breite Spitze, 195 mm
Nasal fracture elevator, 9 mm wide tip, 7 ¾ inch

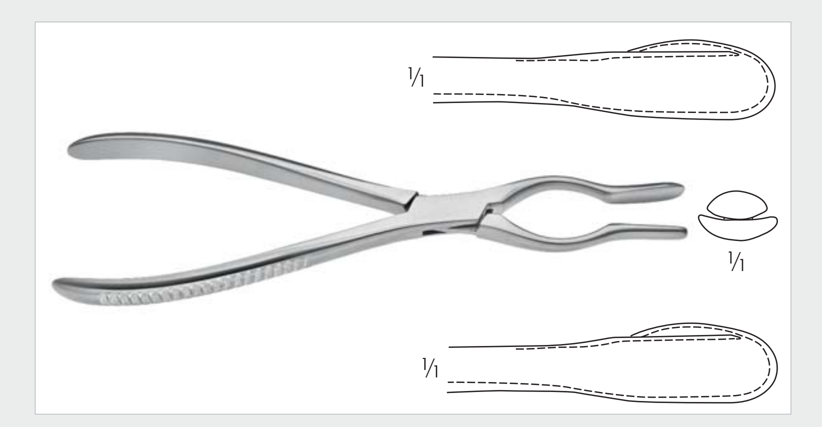




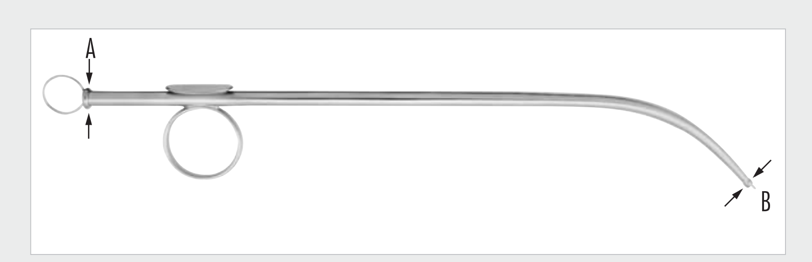
420-450-230
COTTLE-WALSHAM
Septumrichtzange mit aseptischem Schluß, 220 mm
Septum straightening forceps, with aseptic lock, 8 ¾ inch



420-455-230
ASH
Septumrichtzange, 220 mm
Septum straightening forceps, 8 ¾ inch

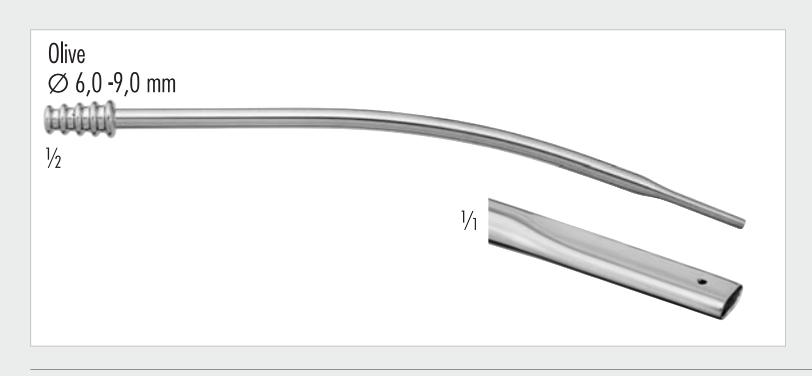


420-452-230 für rechts/right
420-451-230 für links/left
WALSHAM
Septumrichtzange, 210 mm
Septum straightening forceps, 8 ¼ inch



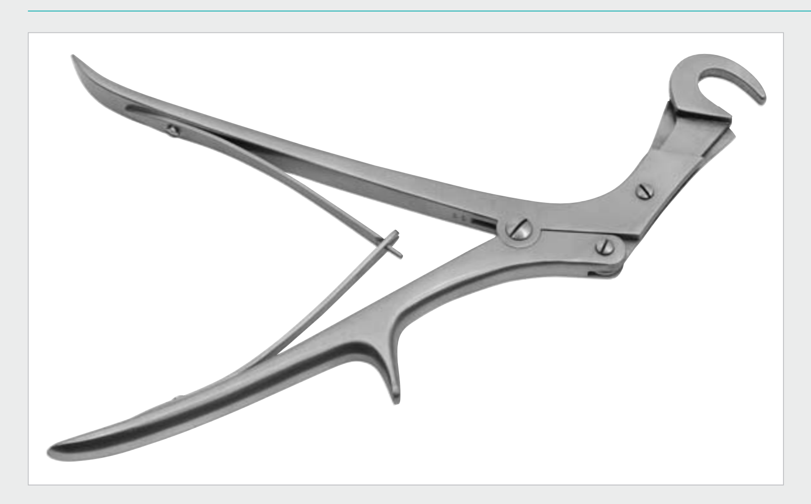
	∅ A	∅ B
410-404-030	3,6 mm	3,0 mm
410-404-035	4,0 mm	3,5 mm
410-404-040	4,5 mm	4,0 mm

MAGILL
Saugkanülen, 245 mm
Suction tube, 9 ¾ inch

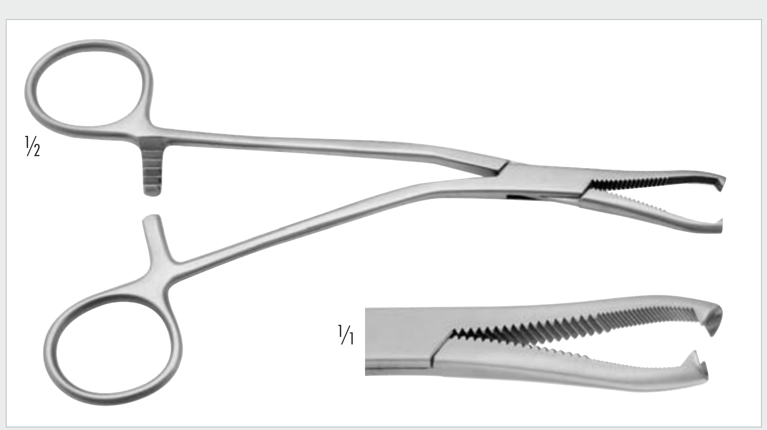


165-064-160 ∅ 5 mm
Nasensaugrohr, LUER-Bohrung, Spitze 6,5 mm breit, 180 mm
Nasal suction tube, with LUER, tip 6,5 mm wide, 7 inch





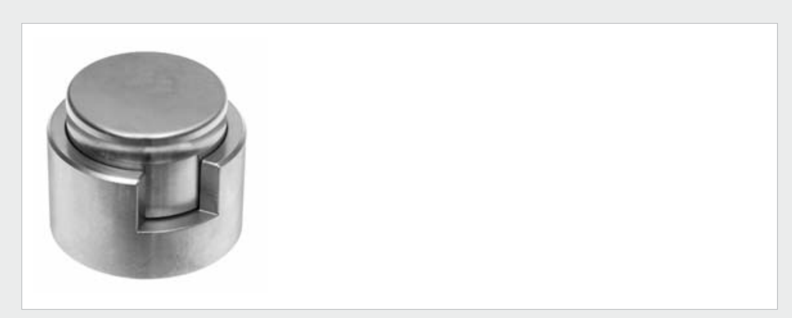
290-137-270
GIERTZ-STILLE
Rippenschere, mit Doppelübersetzung, 250 mm
Rib shear, double action, 10 inch



210-626-190
DINGMANN
Knochenhaltezange, 185 mm
Bone holding forceps, 7 ¼ inch



420-365-000 28mm breit/28mm wide
420-365-050 50mm breit/50mm wide
COTTLE
Knochen-Knorpelquetsche mit Metallklammer, zum Entnehmen der Knochen-Knorpeltrümmer
Bone crusher, for preparation of cartilage implant material, complete with clamp

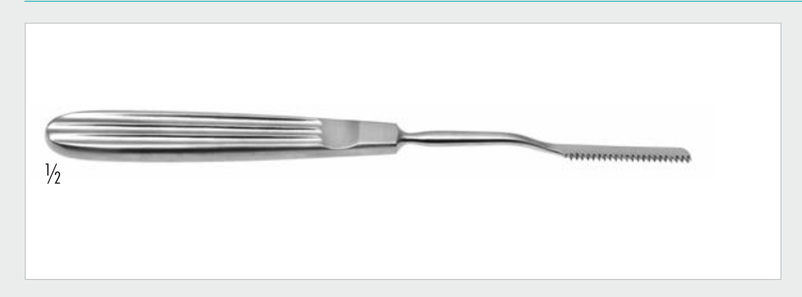


420-366-000
TOLSDORF
Knorpelquetsche, Innenteil gezahnt, Außenteil innen glatt
Bone crusher, inner part serrated, outer part bottom plain



420-367-000 85 x 55 mm
Kunststoffplatte, zur Bearbeitung der Knochentransplantate, dampfsterilisierbar
Plastic plate, for preparation of bone grafts, autoclavable





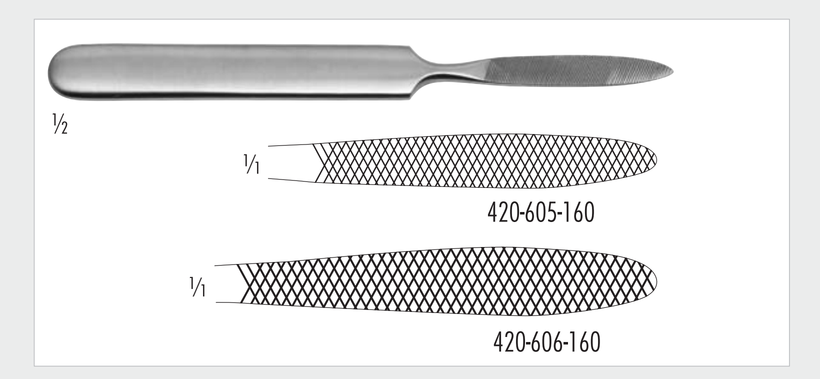
230-202-000 gerade/straight
230-202-001 bajonettförmig, links gebogen
bayonet shaped, curved to the left
230-202-002 bajonettförmig, rechts gebogen
bayonet shaped, curved to the right

JOSEPH
Nasensäge , 170 mm
Nasal saw, 6 ¾ inch

½

230-211-170 links abgewinkelt/left angled
230-210-170 rechts abgewinkelt/right angled

JOSEPH
Nasensäge, 170 mm
Nasal saw, 6 ¾ inch



420-605-160 fein kariert/fine cross-serrated
420-606-160 grob kariert/coarse cross-serrated

JOSEPH
Raspel, zum Füllen von nasalen Knochen, 165 mm
Rasp, for filling nasal bone material, 6 ½ inch



420-653-180

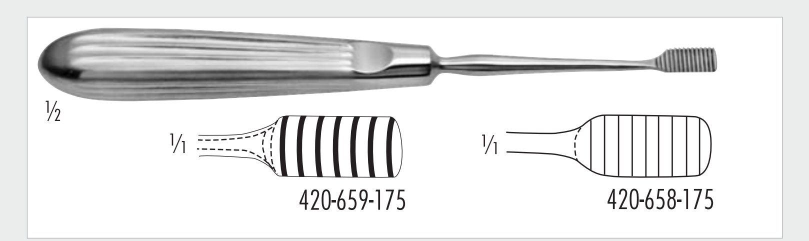
MALTZ
Nasen-Raspel, 90° quer gerieft, auf Zug schneidend, 180 mm
Nasal rasp, 90° cross-serrated, teeth set to cut on down stroke, 7 inch



420-650-001S

AUFRICHT
Nasen-Raspel, 90° quer gerieft, auf Zug schneidend, 220 mm
Nasal rasp, 90° cross-serrated, teeth set to cut on down stroke,
8 ¾ inch





420-658-175 feine Zahnung/fine teeth
420-659-175 grobe Zahnung/coarse teeth

LEWIS

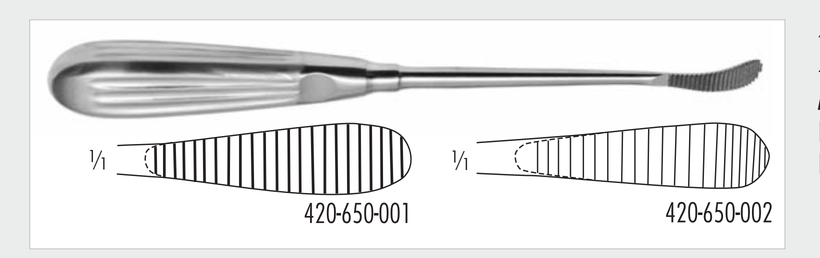
Raspel, 8 mm, 90° quer gerieft, auf Zug schneidend
Rasp, 8 mm, 90° cross serrated, set to cut on down stroke



420-658-210 9x25mm

PECK-PARK

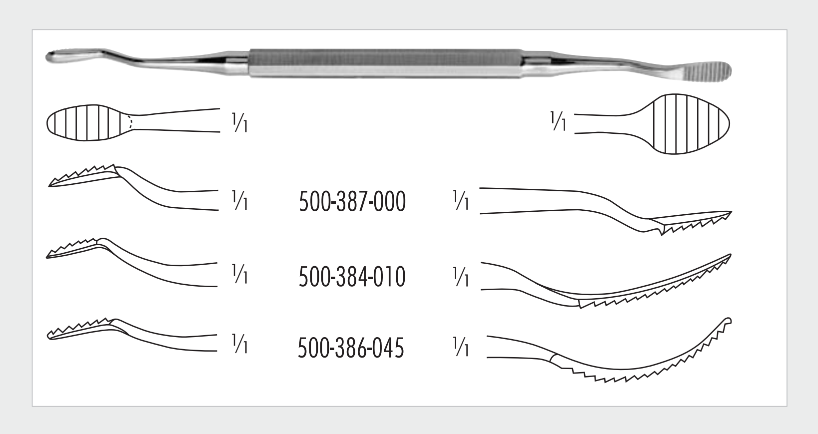
Raspel, 16 Zähne, 21cm
Raspatory, 16 teeth, 8 1/4 inch



420-650-002 auf Druck schneidend/set to cut on up stroke
420-650-001 auf Zug schneidend/set to cut on down stroke

AUFRICHT

Raspel, 9 mm, 90° quer gerieft, 220 mm
Rasp, 9 mm, 90° cross-serrated, 8 ¾ inch



500-387-000
500-384-010
500-386-045

MILLER

Doppelraspel, 90° quer gerieft, auf Zug schneidend, 180 mm
Rasp, double-ended, 90°cross-serrated, set to cut on down stroke, 7 inch

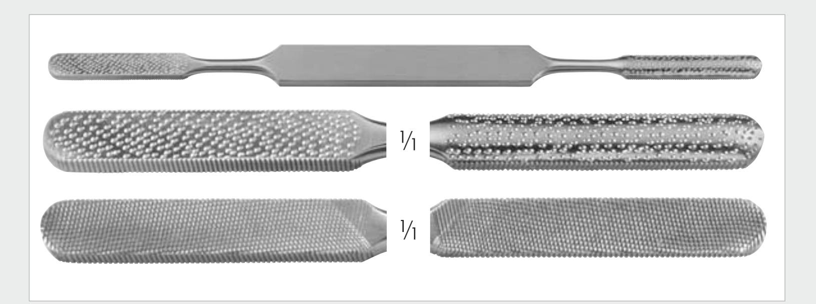


420-662-001 grob/coarse
420-662-002 fein/fine

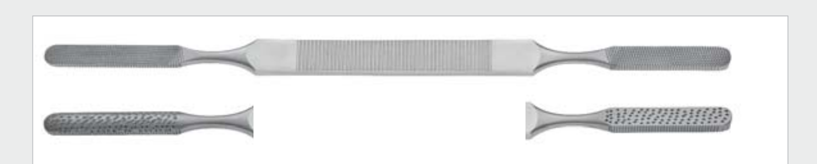
FOMON

Nasenraspel, sehr leicht
Nasal rasp, lightweight

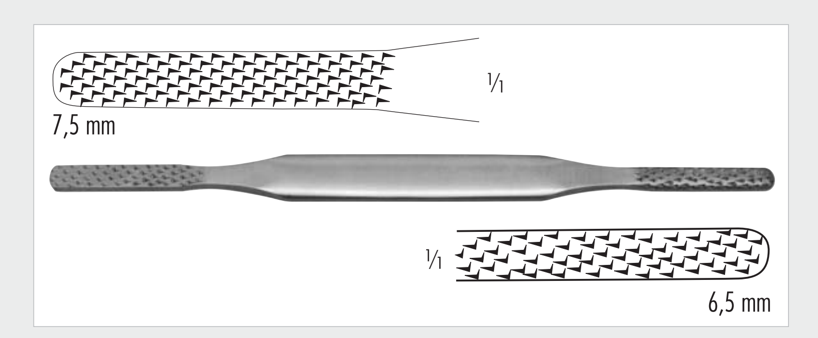




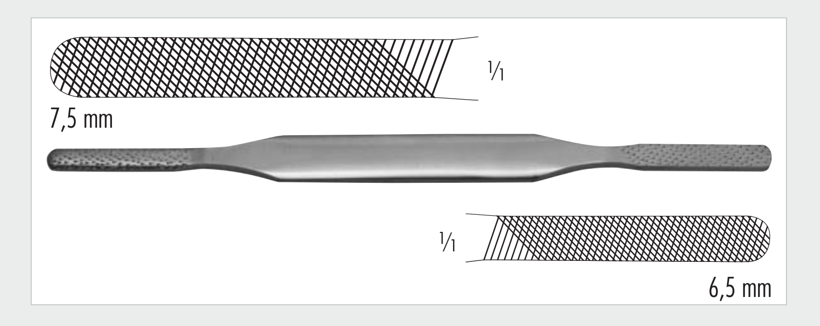
420-661-100
FOMON
Doppelraspel, Vorderseite grob, Rückseite fein, 215 mm
Rasp, double-ended, frontside coarse teeth, backside fine, 8 ½ inch



420-656-000
KLEINERT-KUTZ
Nasenraspel, doppelendig, 4-seitig, 22cm
Nasal rasp, double-ended, 4-sided, 8¾ inch

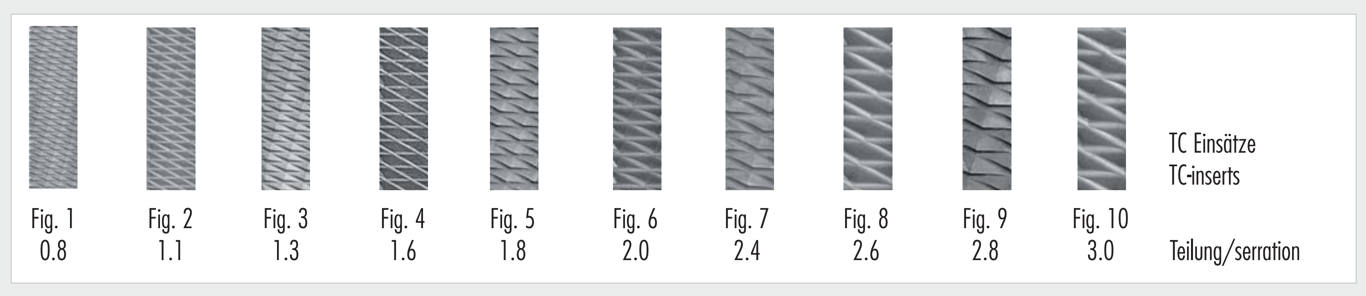


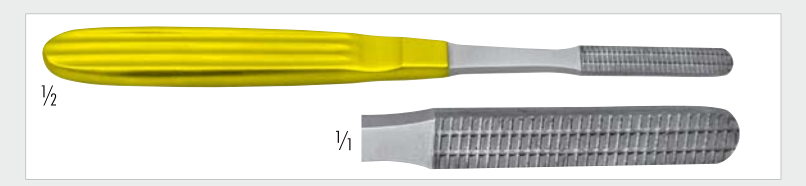
420-660-000
FOMON
Doppelraspel, grobe Zahnung, 215 mm
Rasp, double-ended, coarse teeth, 8 ½ inch



420-661-000
FOMON
Doppelraspel, feine Zahnung, 215 mm
Rasp, double-ended, fine teeth, 8 ½ inch





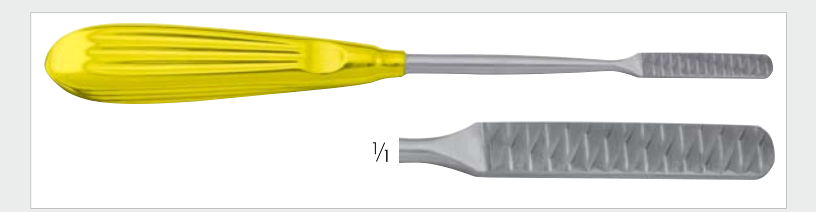


420-672-000
MALTZ
TC Nasenraspel, gerade, auf Zug schneidend, 180 mm
TC Nasal rasp, straight, reverse, 7 inch



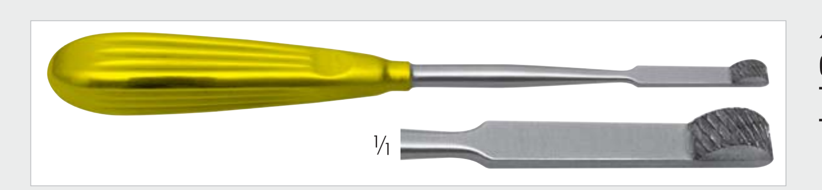
420-492-165	Fig. 2	420-494-165	Fig. 4
420-493-165	Fig. 3	420-495-165	Fig. 5
		420-496-165	Fig. 6

MALTZ
TC Nasenraspel, 170 mm
TC Nasal rasp, 6 ⅔ inch

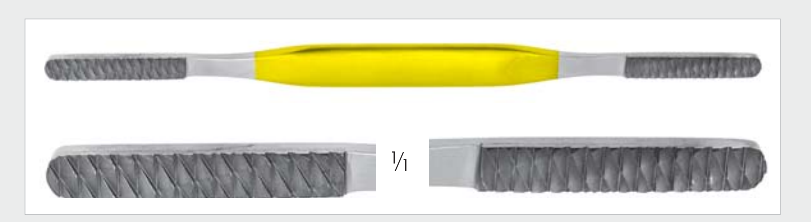


420-490-210	Fig. 1	420-495-210	Fig. 6
420-491-210	Fig. 2	420-496-210	Fig. 7
420-492-210	Fig. 3	420-497-210	Fig. 8
420-493-210	Fig. 4	420-498-210	Fig. 9
420-494-210	Fig. 5	420-499-210	Fig. 10

PARKES
TC Raspel, 8 x 39 mm, gerade, 210 mm
TC Rasp, 8 x 39 mm, straight, 8 ¼ inch

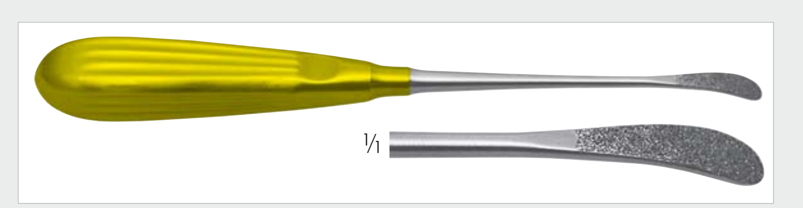


420-669-210
GLABELLA
TC Raspel, mittel, 210 mm
TC Rasp, medium, 8 ¼ inch



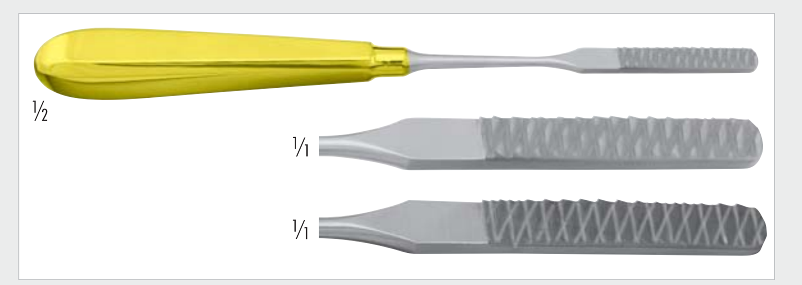
420-660-214	Fig. 3/Fig. 4
420-660-216	Fig. 5/Fig. 6
420-660-218	Fig. 7/Fig. 8
420-660-219	Fig. 1/Fig. 2
420-660-220	Fig. 9/Fig. 10

FOMON
TC Nasenraspel, doppelendig, 7 x 40 mm, 210 mm
TC Nasal Rasp, double ended, 7 x 40 mm, 8 ¼ inch

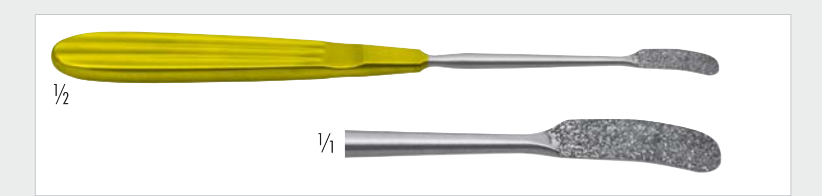


420-650-101
AUFRICHT
Nasenraspel, fein, gebogen, RZ diamantiert, 7 x 25 mm, 200 mm
Rasp, fine, curved, RZ diamond tip, 7 x 25 mm, 8 inch





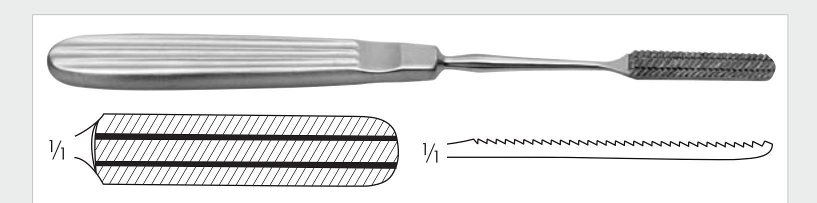
420-480-200 fein
420-488-200 grob
ASTON
Nasenraspel, 200 mm
Nasal rasp, 8 inch



420-650-100
PEET-COTTLE
Nasenraspel, gebogen, RZ diamantiert, 175 mm
Nasal rasp, curved, RZ diamond tip, 7 inch



420-653-000
FOMON
Raspel, doppelendig, RZ diamantiert, grob, convex/flach, 7 x 40 mm, 210 mm
Rasp, double ended, coarse RZ diamond tip, convex on flat, 7 x 40 mm, 8 ¼ inch



420-628-254
RUBIN
Nasenraspel, 30% schräg, konkav, 200 mm
Nasal rasp, 30% oblique, concave, 8 inch



420-654-180 auf Zug/backward cutting
420-657-180 auf Druck/forward cutting
ORIGINAL MALTZ
Nasenraspel, gerade, 180 mm
Nasal rasp, straight, 7 inch



420-655-180
MCINDOE
Nasenraspel, auf Zug, gerade, 180 mm
Nasal rasp, backward cutting, 7 inch

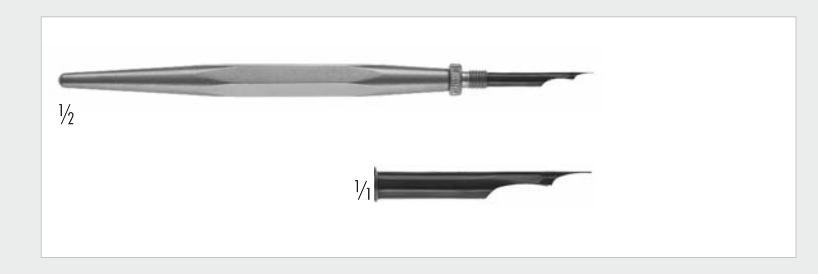


420-756-180
BARSKY-GLABELLA
Nasenraspel, auf Zug, gerade, 175 mm
Nasal rasp, backward cutting, 7 inch



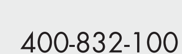
260-500-001
Reinigungsbürste für TC Raspeln
Cleaning brushes for TC rasps




½
1/1

420-832-145
ECKHOFF
Hautmarkierstift, mit versenkbarer Spitze, verchromt, zum Schutz während der Sterilisation
Skin marking pen, with reversible holder for point, chromium plated

420-832-001
Ersatzfeder
Spare nib




½

400-832-100
Einmal-Markierer, Packung mit 10 Stück
Sterile packed marking pen, box of 10 pieces


½

400-421-000
JAMESON
Zirkel mit Schlußschraube, graduiert, 0 - 80 mm
Caliper with locking screw, graduated, 0 - 80 mm

½

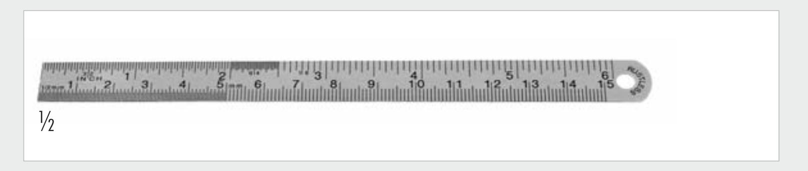
400-420-100
THORPE
Zirkel, mit Schlußschraube, 0-80 mm
Caliper, with locking screw, 0-80 mm


1/1

400-583-005	Meßbereich/measuring range	0 - 15 mm
400-583-007	Meßbereich/measuring range	0 - 20 mm
400-583-008	Meßbereich/measuring range	0 - 40 mm

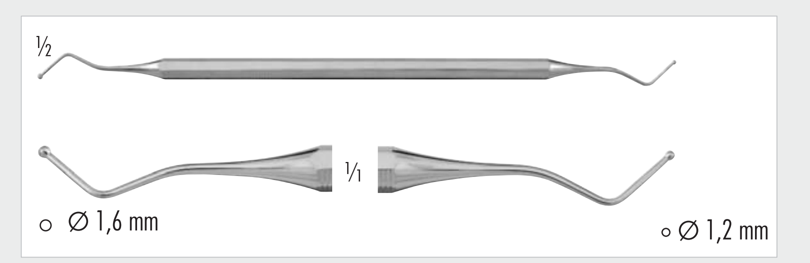
CASTROVIEJO
Hautmeßzirkel, 70mm
Caliper, 2 ¾ inch

400-583-009
CASTROVIEJO
Hautmeßzirkel, Meßbereich 0 - 20 mm, abgewinkelte Spitze, 70mm
Caliper, measuring range 0 - 20 mm, angled tip, 2 ¾ inch


½

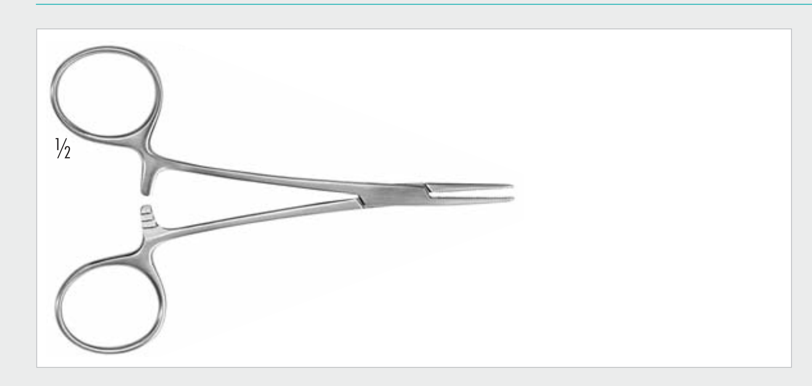
100-418-150	150mm, 6 inch
100-418-200	200mm, 8 inch

Lineal, mit mm und inch Markierung
Ruler, with mm and inch markings


½
1/1
∅ 1,6 mm
∅ 1,2 mm

500-270-002
Tamponaden-Stopfer, doppelt, ∅ 1,6/1,2 mm, 170 mm
Dressing plugger, double-ended, ∅ 1.6/1.2 mm, 6 ¾ inch





140-254-125 gerade/straight
140-255-125 gebogen/curved

HALSTED-MOSQUITO

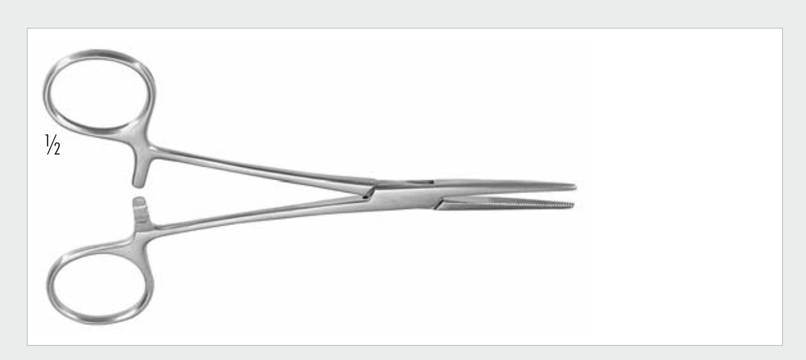
Arterienklemme, 125 mm
Hemostatic forceps, 5 inch



140-256-125 gerade/straight
140-257-125 gebogen/curved

HALSTED-MOSQUITO

Arterienklemme, 1 x 2 Zähne, 125 mm
Hemostatic forceps, 1 x 2 teeth, 5 inch



140-280-140 gerade/straight
140-281-140 gebogen/curved

KELLY

Arterienklemme, gerieft, 140 mm
Hemostatic forceps, serrated, 5 ½ inch



140-290-140 gerade/straight
140-291-140 gebogen/curved

CRILE (FRASER-KELLY)

Arterienklemme, 140 mm
Hemostatic forceps, 5 ½ inch





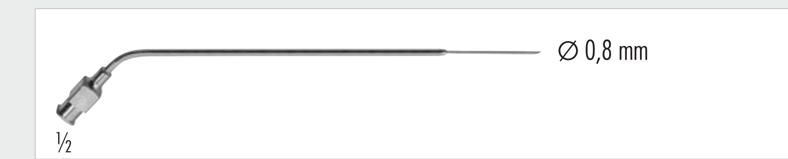
165-855-020 2 ml
165-855-050 5 ml
165-855-100 10 ml
Spritze komplett
Syringe complete



165-856-020 2 ml
165-856-050 5 ml
165-856-100 10 ml
Glaszylinder, allein
Glas cylinder, only



252-005-170
Tonsillenkanüle, gerade, mit LUER-Lock-Ansatz, 160 mm
Tonsil needle, straight, with LUER-lock attachment, 6 ¼ inch



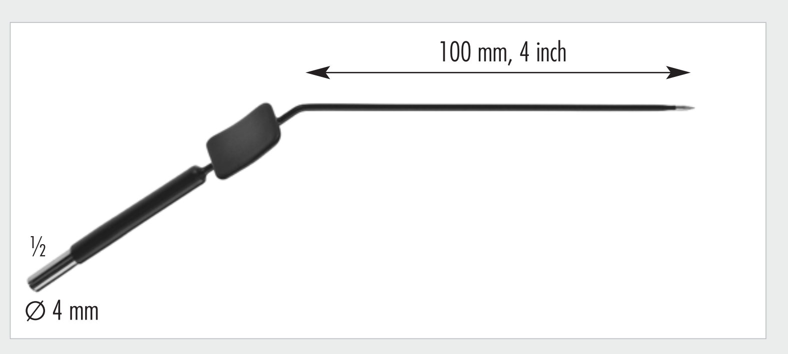
252-003-170
Septumkanüle, abgewinkelt, mit LUER-Lock Ansatz, 160 mm
Septum needle, angled, with LUER-lock attachment, 6 ¼ inch



252-004-170
Tonsillenkanüle, abgewinkelte Spitze, mit LUER-Lock-Ansatz
Tonsil needle, angled tip, with LUER-lock attachment



252-001-170
Septumkanüle, bajonettförmig gebogen, mit LUER-Lock Ansatz, 100 mm
Septum needle, bayonet-shaped, with LUER-lock attachment, 4 inch



ABBEY
Resektionsnadel, **isoliert**, mit monopolarem Anschluß
Sub-mucosal resection needle, **insulated**, with monopolar connector

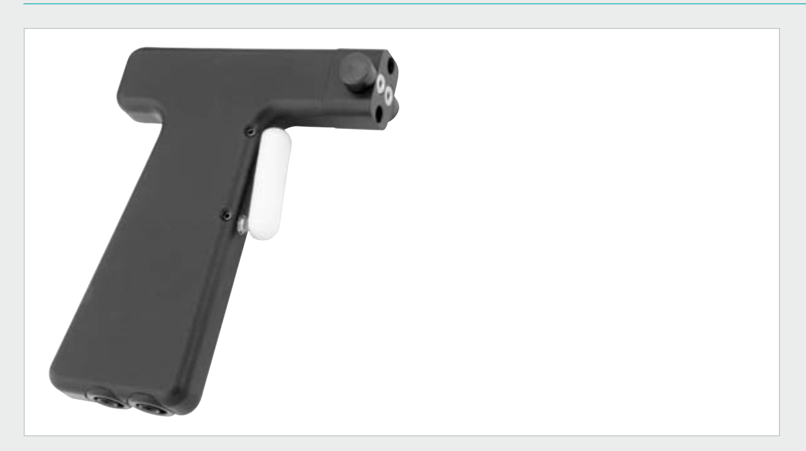


700-420-002
Bipolar Elektrode für Nase, mit Flachstecker
Bipolar Electrode for Nose, with flat plug

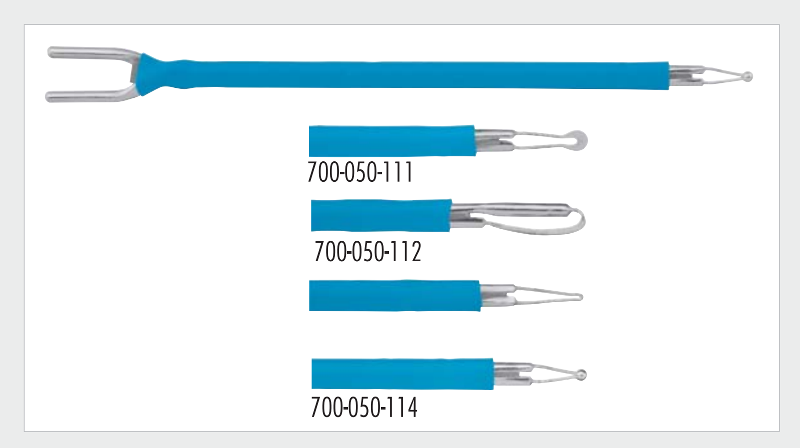


700-801-165
Bipolare Pinzette kniegebogen, spitz, Flachstecker 165mm
Bipolar Forceps angled, pointed, flat-plug square, 6 ½ inch

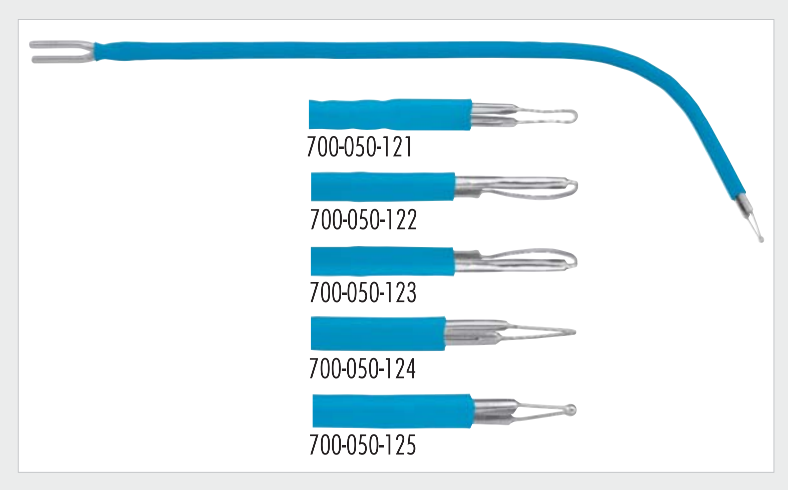




700-050-100
Handgriff für Kauter
Handle for cauter



700-050-111 messerförmig flach/flat knife
700-050-112 einseitig glühend/one side cutting
700-050-113 spitz/pointed
700-050-114 kugelförmig/ball shaped
Kauterbrenner für Nase, Platin, 180 mm
Cautery burner for nose, platinum, 7 inch



700-050-121 messerförmig flach/flat knife
700-050-122 rechts glühend/right side cutting
700-050-123 links glühend/left side cutting
700-050-124 spitz/pointed
700-050-125 kugelförmig/ball shaped
Kauterbrenner für Kehlkopf, Platin, 200 mm
Cautery burner for larynx, platinum, 7 3/4 inch



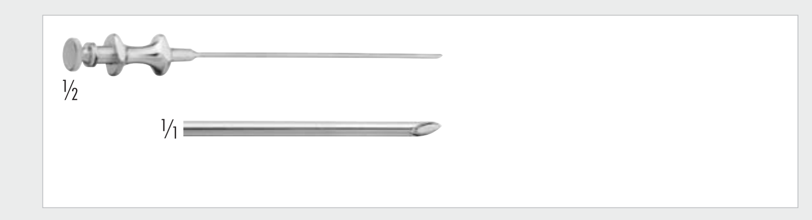
700-050-300 3 m
Kabel für Kauter
Cable for cauter

700-050-000
Transformator für Kauter, (ohne Abbildung)
Tranformer for cautery burner, (without picture)

SINUSCOPY

Instruments and
Equipment for
Sinuscopy

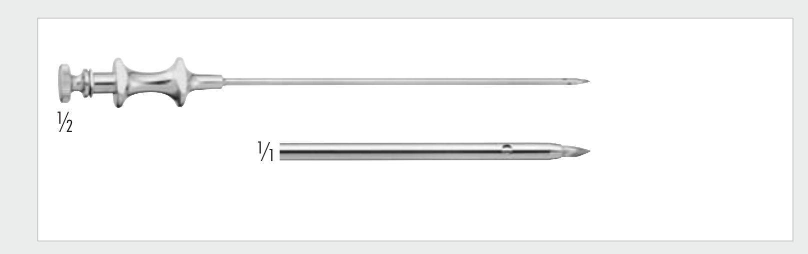




252-015-110 ∅ 1,5 mm
252-018-110 ∅ 1,8 mm
252-020-110 ∅ 2,0 mm

LICHTWITZ-BIER

Kieferhöhlenpunktionskanüle mit Luer-Ansatz, 100 mm
Antrum trocar needle, Luer attachment, 4 inch



252-115-110 ∅ 1,5 mm
252-118-110 ∅ 1,8 mm
252-120-110 ∅ 2,0 mm
252-125-110 ∅ 2,5 mm

EICKEN

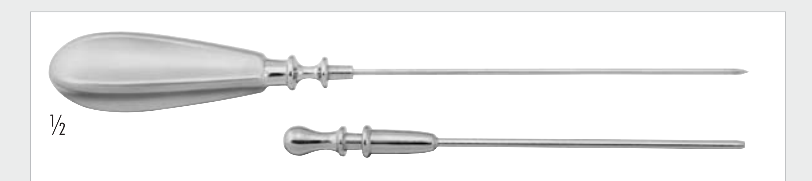
Kieferhöhlenpunktionskanüle mit Luer-Ansatz, 145 mm
Antrum trocar needle, Luer attachment, 5 ¾ inch



165-052-018

LICHTWITZ

Kieferhöhlentrokar, ∅ 1,8 mm, 180 mm, Arbeitslänge: 85 mm
Antrum trocar, ∅ 1.8 mm, 7 inch, working length: 3 ½ inch



165-152-017 ∅ 1,7 mm 165-152-023 ∅ 2,3 mm
165-152-020 ∅ 2,0 mm 165-152-027 ∅ 2,7 mm

TILLEY LICHTWITZ

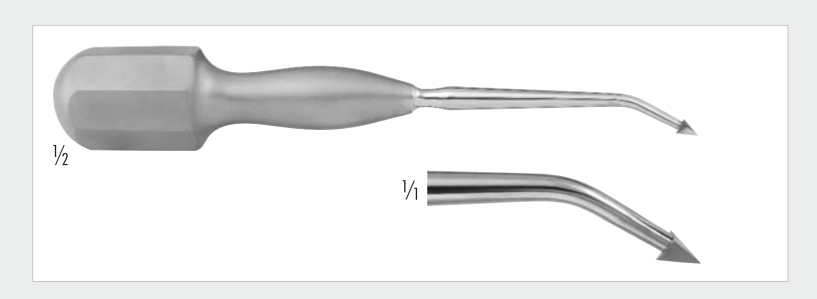
Kieferhöhlentrokar, 185 mm
Antrum trocar, 7 ¼ inch



165-058-225 ∅ 3 mm

COAKLEY

Kieferhöhlentrokar mit Spülvorrichtung, 140 mm
Antrum trocar with irrigation, 5 ½ inch

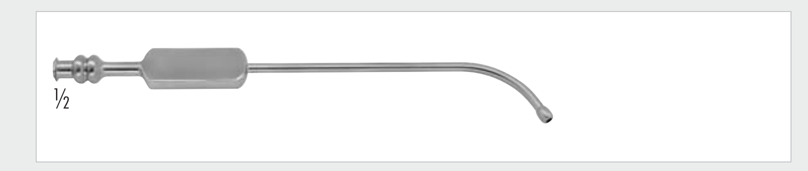


165-059-170 ∅ 4 mm

TILLEY

Harpunentrokar, 170 mm
Harpoon trocar, 6 ¾ inch





252-025-150 außen ∅ 2,5 mm/outer ∅ 2.5 mm
252-025-151 außen ∅ 3,0 mm/outer ∅ 3.0 mm
252-025-152 außen ∅ 4,0 mm/outer ∅ 4.0 mm

EICKEN

Kieferhöhlenspülröhrchen, leicht gebogen, mit zentraler Öffnung und Luer-Ansatz, 130 mm
Irrigating antrum cannula with central opening, slightly curved, Luer attachment, 5 ⅛ inch



252-125-150 außen ∅ 2,5 mm/outer ∅ 2.5 mm
252-125-151 außen ∅ 3,0 mm/outer ∅ 3.0 mm
252-125-152 außen ∅ 4,0 mm/outer ∅ 4.0 mm

EICKEN

Kieferhöhlenspülröhrchen, stark gebogen, mit zentraler Öffnung und Luer-Ansatz, 140 mm
Irrigating antrum cannula with central opening, strong curved, Luer attachment, 5 ½ inch



252-225-150 außen ∅ 2,5 mm/outer ∅ 2.5 mm
252-225-151 außen ∅ 3,0 mm/outer ∅ 3.0 mm
252-225-152 außen ∅ 4,0 mm/outer ∅ 4.0 mm

EICKEN

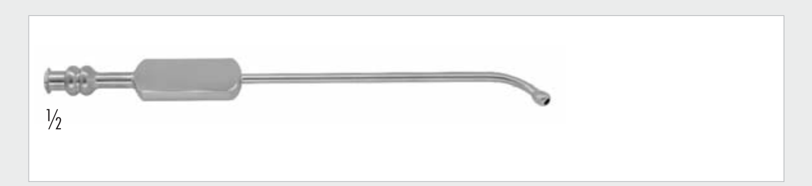
Antrum Kanüle, stark gebogen, mit Stoploch im Griff, Arbeitslänge: 150 mm
Antrum Cannula, strong curved, with cut-off hole, working length: 6 inch



252-325-150 außen ∅ 2,5 mm/outer ∅ 2.5 mm
252-325-151 außen ∅ 3,0 mm/outer ∅ 3.0 mm
252-325-152 außen ∅ 4,0 mm/outer ∅ 4.0 mm

EICKEN

Antrum Kanüle, leicht gebogen, mit Stoploch im Griff Arbeitslänge: 150 mm
Antrum Cannula, slightly curved, with cut-off hole, working length: 6 inch

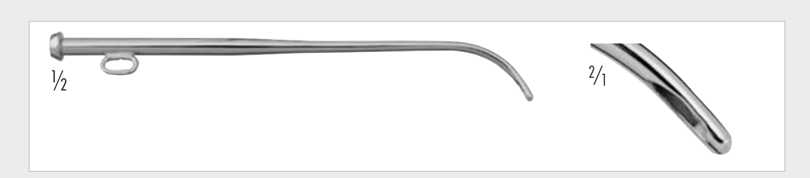


252-425-150 außen ∅ 2,5 mm/outer ∅ 2.5 mm
252-425-151 außen ∅ 3,0 mm/outer ∅ 3.0 mm
252-425-152 außen ∅ 4,0 mm/outer ∅ 4.0 mm

EICKEN

Antrum Kanüle, leicht gebogen, biegsam, Arbeitslänge: 150 mm
Antrum Cannula, slightly curved, malleable, working length: 6 inch





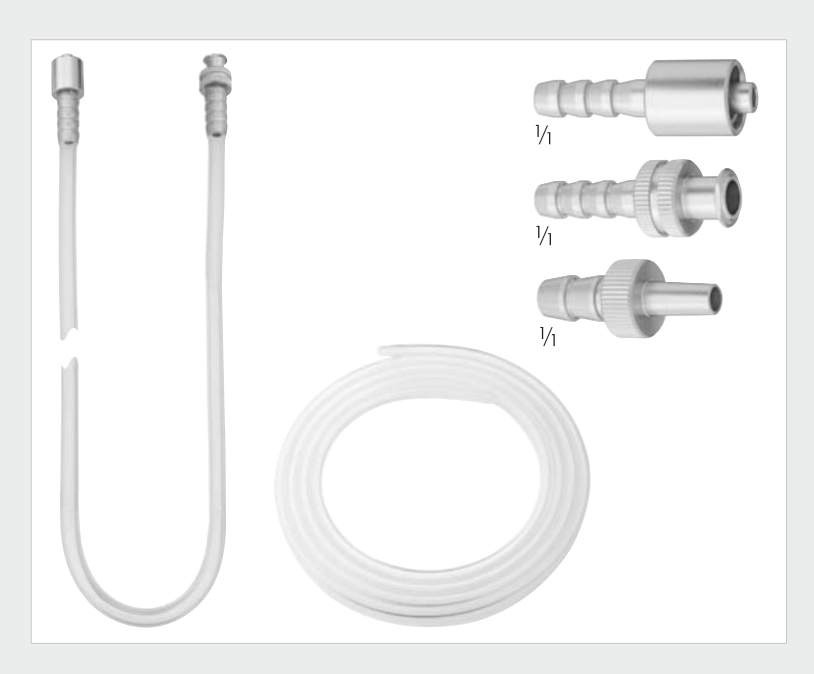
165-071-025 ∅ 2,5 mm
SIEBENMANN
Kiefernhöhlenspülröhrchen, stumpf, mit der Öffnung am inneren Biegeradius, 130 mm
Irrigation antrum cannula with inside opening, blunt, 5 ⅛ inch



165-072-025 ∅ 2,5 mm
SIEBENMANN
Kiefernhöhlenspülröhrchen, mit der Öffnung am äußeren Biegeradius, stumpf, 130 mm
Irrigation antrum cannula, with outside opening, blunt, 5 ⅛ inch



252-530-190
WATSON-WILLIAMS
Stirnhöhlen-Spühlröhrchen, Luer-Konus, Arbeitslänge: 190 mm
Sinus Irrigation Tube, Luer cone, working length: 7 ½ inch

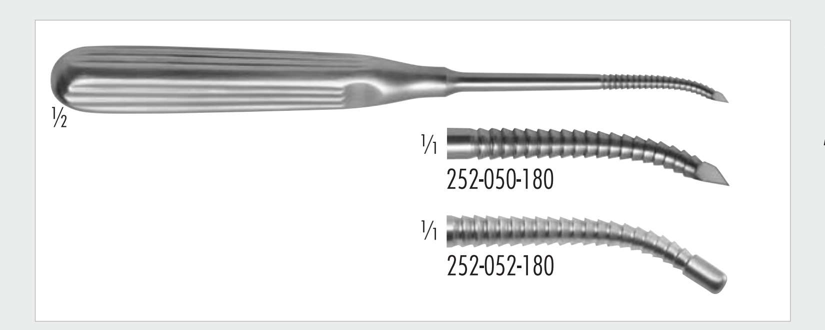


165-076-300
Spülschlauch, Silikon, autoklavierbar, komplett mit LUER-Lock Adapter, 300 mm
Irrigation tube, silicone, autoclavable, complete with LUER-Lock attachment, 12 inch



165-077-000
MUCK
Saugglas nach Muck
Nasal suction cup sim. Muck

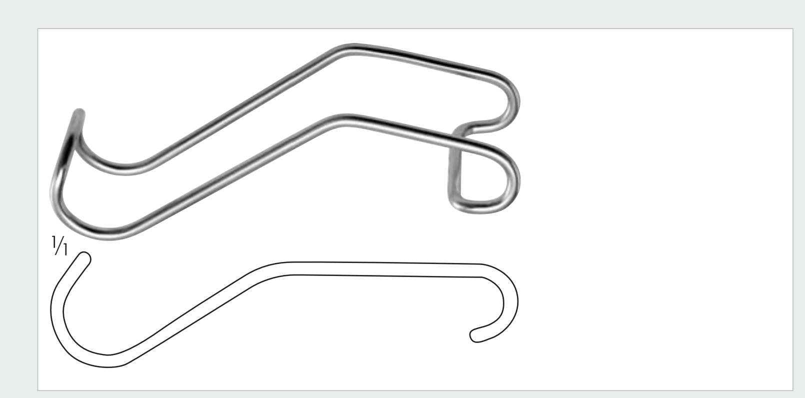




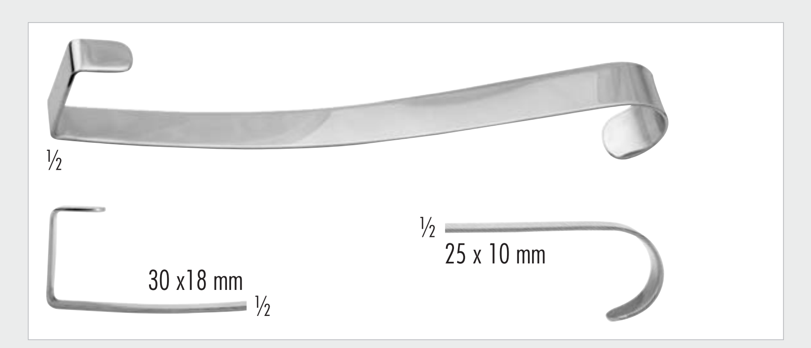
252-050-180 spitz / sharp
252-052-180 stumpf / blunt
Kieferhöhlen Trephin, amerikanisches Modell, 180 mm
Antrum trephine, American pattern, 7 inch



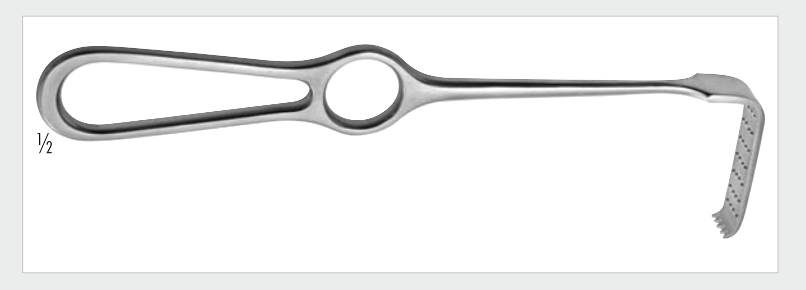
252-053-170
FAULKNER
Kieferhöhlenmeissel, 170 mm
Antrum Chisel, 6 ¾ inch



430-301-120 120 mm, 4 ¾ inch
430-301-130 140 mm, 5 ½ inch
430-301-135 160 mm, 6 ¼ inch
STERNBERG
Wangenhalter
Cheek retractor



170-285-165
HAJEK
Wundhaken, 165 mm
Wound retractor, 6 ½ inch



170-287-190
BRÜNINGS-BRUNK
Kieferhöhlenhaken, 190 mm
Antrum retractor, 7 ½ inch



170-293-001 30 x 11 mm
LANGENBECK
Wundhaken, 220 mm
Wound retractor, 8 ¾ inch

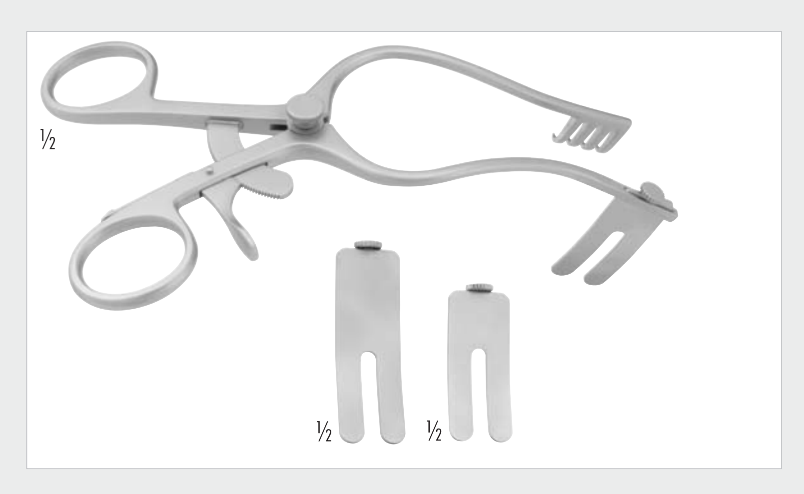




170-765-130 rechtes Blatt voll/right solid blade
170-766-130 linkes Blatt voll/left solid blade

PERKINS

Kieferhöhlensperrer, volles Blatt, scharf gezahnt, 130 mm
Antrum retractor, solid blade, sharp serration, 5 1/8 inch



170-767-165 rechts/right (abgebildet/illustrated)
170-768-165 links/left

TALBOT

Orbita-Spreizer, 165 mm
Orbita-retractor, 6 1/2 inch



410-902-000

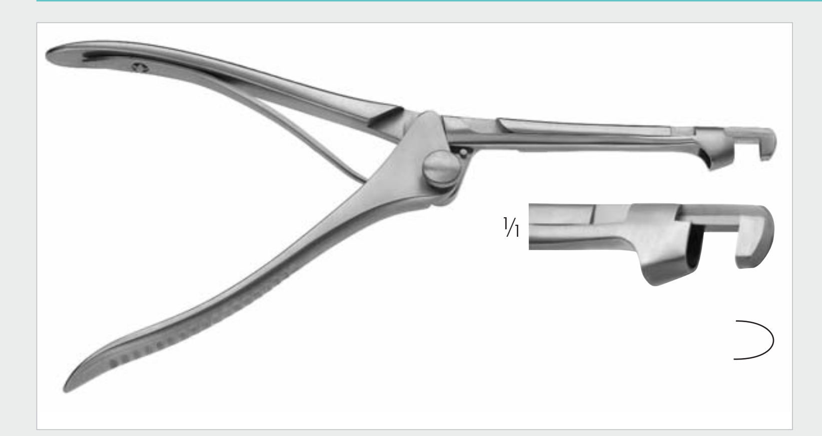
FERRIS SMITH

Wundsperrer Set, komplett
Retractor Set, complete

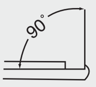


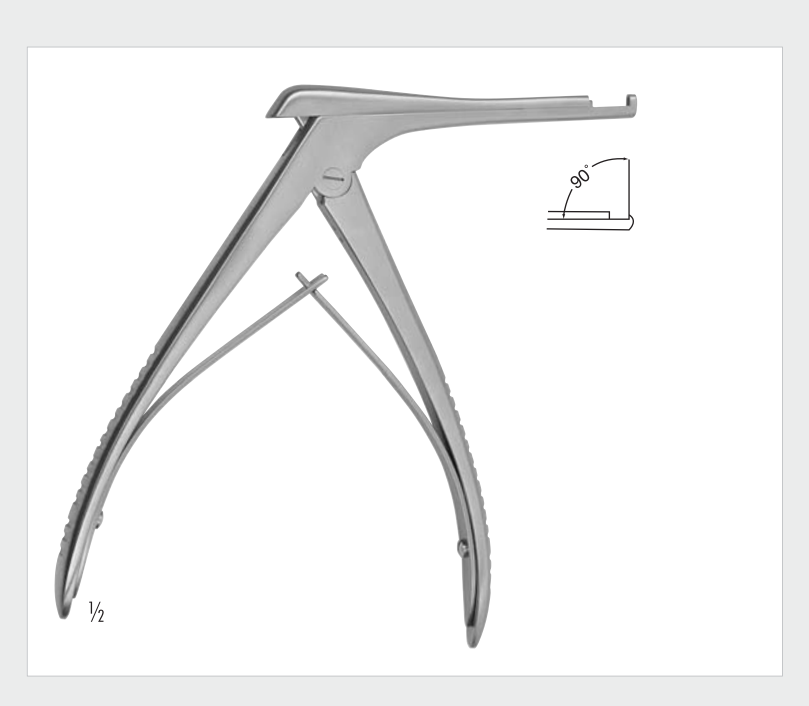
252-500-175
Stirnhöhlenstanze, 70° im Schaft aufgebogen,
Ausschnitt 3mm, 40° nach oben vorwärts schneidend,
Arbeitslänge: 175mm
Frontal Sinus Punch Forceps, sheath 70° upturned,
bite 3mm, 40° upbiting forward,
working length: 175mm





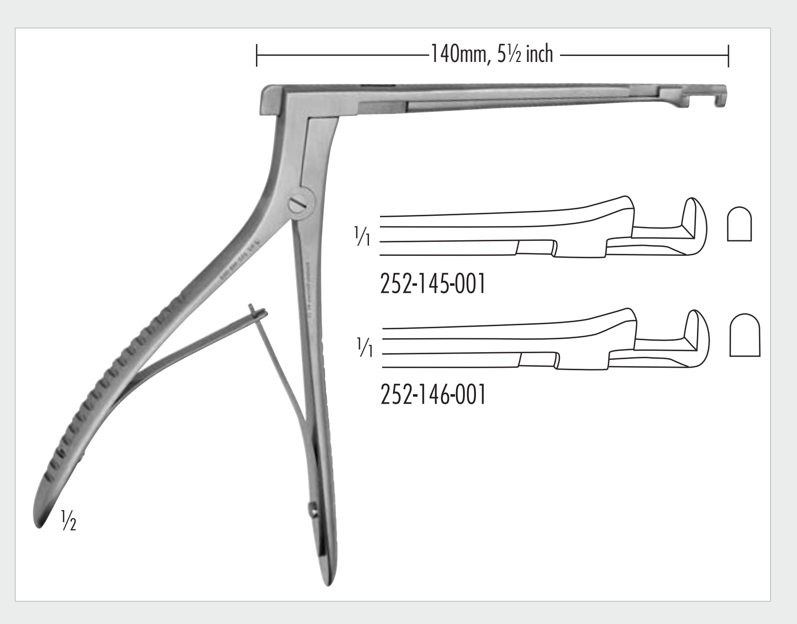
252-200-200
HAJEK-CLAUS
Kieferhöhlenstanze, durchschneidend, 200 mm
Antrum Punch, through cutting, 8 inch





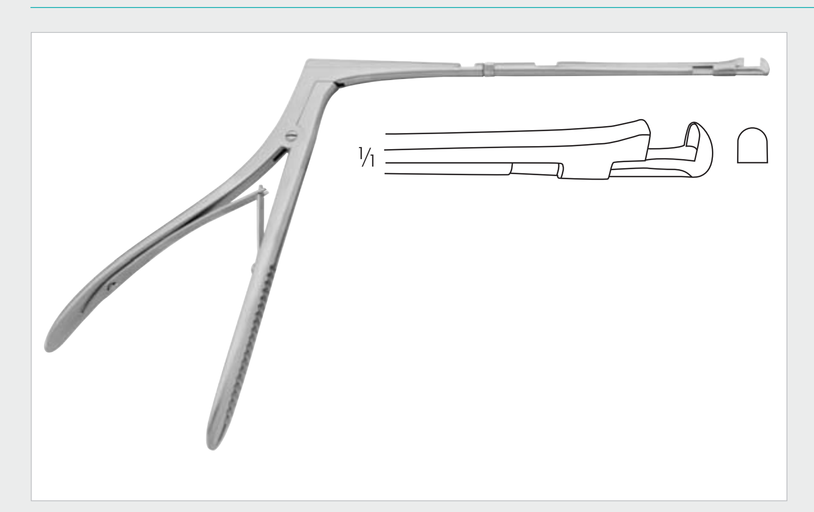
252-200-095 2 mm Schnitt / 2 mm bite
BEYER
Kieferhöhlenstanze, Arbeitslänge: 95 mm
Antrum Punch, working length: 3 ¾ inch

252-200-195
Dito, retrograd schneidend
Same, backward cutting



252-145-001 nach oben/upbiting
252-145-002 nach unten/downbiting
252-145-003 nach oben, rückwärts/upbiting, backward
252-145-004 nach unten, rückwärts/downbiting, backward
252-145-005 nach oben, vorwärts/upbiting, forward
HAJEK-KOFLER
Stanze, 3,5 x 3,5 mm, 140 mm
Punch, 3.5 x 3.5 mm, 5 ½ inch





252-535-170 4,0 mm
HAJEK-KOFLER
Stanze, drehbar 360°, Arbeitslänge: 170 mm
Punch, rotating 360°, working length: 6 ¾ inch



252-147-170
CITELLI
Knochenstanze, 1,5 mm, durchschneidend, Arbeitslänge: 170 mm
Bone punch, 1.5 mm, through cutting, working length: 6 ¾ inch

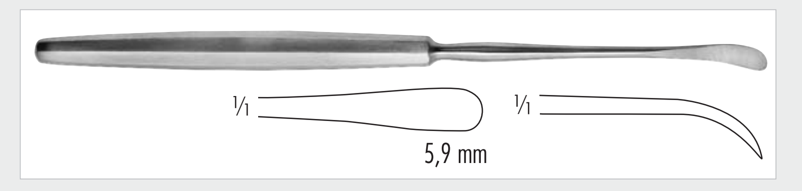


252-148-170
BEYER
Knochenstanze, 2,0 mm, durchschneidend, Arbeitslänge: 170 mm
Bone punch, 2.0 mm, through cutting, working length: 6 ¾ inch



252-149-172 nach oben / upbiting
252-149-272 nach unten / downbiting
KERRISON
Knochenstanze, 2,0 mm, Arbeitslänge: 180 mm
Bone punch, 2.0 mm, working length: 7 inch

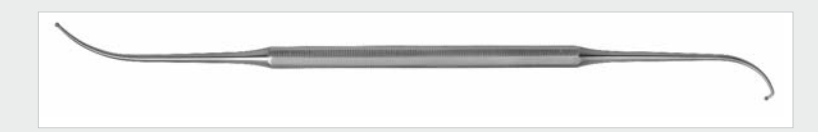




420-549-200 6 mm
SEWALL
Kieferhöhlen Elevator, stumpf, 200 mm
Antrum elevator blunt, 8 inch



252-009-000
FREER
Elevator, doppelendig, scharf/stumpf, 200 mm
Elevator, double-ended, sharp/blunt, 7 ¾ inch



252-025-210
KUHN-BOLGER
Doppelinstrument , rechts abgewinkelter Haken, 210 mm
Double-instrument, hook angled to the right, 8 ¼ inch



252-025-190
Doppelinstrument zum Sondieren d. Ostium, kugelförmige Enden 1,2 mm / 2,0 mm, 190 mm
Ostium probe, double-ended ball probe: 1.2mm / 2.0 mm, 7 ½ inch



252-205-190 spitz/sharp
252-215-190 stumpf/blunt
Sichelmesser, spitz, 200 mm
Sickle knife, sharp, 7 ¾ inch



252-071-190 Gr. 1
252-082-190 Gr. 2
252-093-190 Gr. 3
Kieferhöhlenlöffel, oval, 200 mm
Antrum spoon, oval, 7 ¾ inch



252-171-190 rund, 45° gebogen/round, 45° curved
252-182-190 oval klein, gebogen/oval small, curved
252-193-190 oval groß, 30° gebogen/oval large, 30° angled
Kieferhöhlenlöffel , 200mm
Antrum spoon, 7 ¾ inch

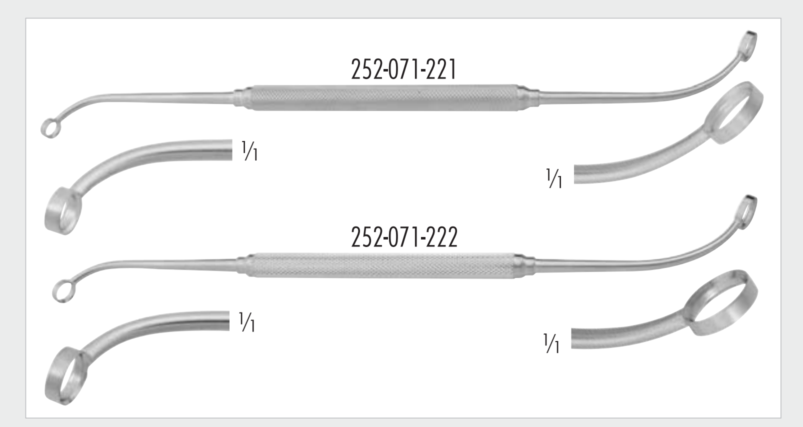


252-027-190
Doppelkürette, oval, kurz gebogen 45°, halbscharf: 2,2 mm, andere Seite: 90° lang gebogen, 2,7 mm, 190 mm
Curette, double-ended, oval, short curve 45°, semi-sharp:2.2 mm
Other side: 90° long curve: 2.7 mm, 7 ½ inch



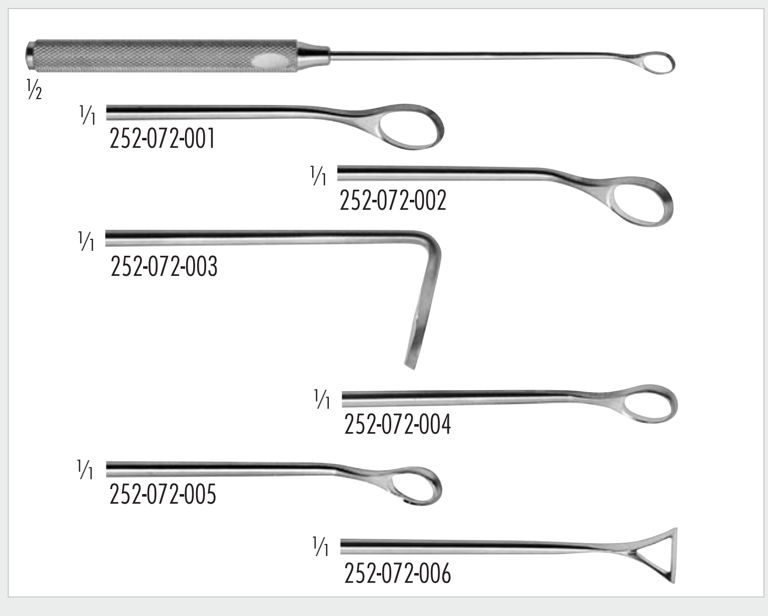
252-071-220
FAULKNER
Kieferhöhlenkürette, 220 mm
Antrum curette, 8 ½ inch





252-071-221	klein, Ringgröße 5 x 8 mm small, ringsize 5 x 8 mm
252-071-222	groß, Ringgröße 6 x 9 mm large, ringsize 6 x 9 mm

FAULKNER
Kieferhöhlenkürette, biegsam, 220 mm
Antrum curette, malleable, 8 ¾ inch



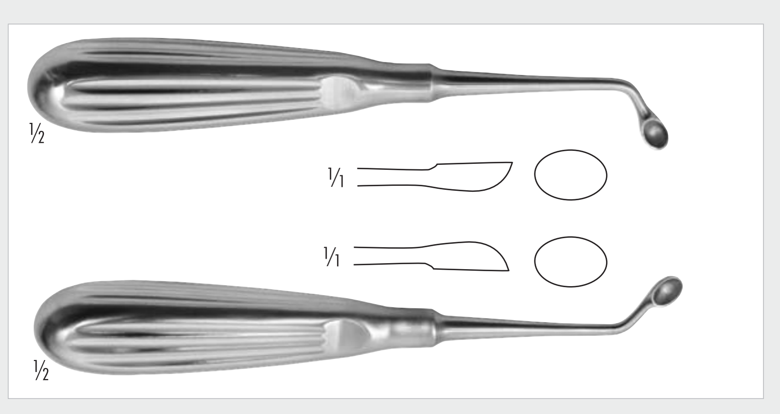
252-072-001	Fig. 1
252-072-002	Fig. 2
252-072-003	Fig. 3
252-072-004	Fig. 4
252-072-005	Fig. 5
252-072-006	Fig. 6

COAKLEY
Kieferhöhlenkürette, 170 mm
Antrum curette, rigid shank, 6 ¾ inch



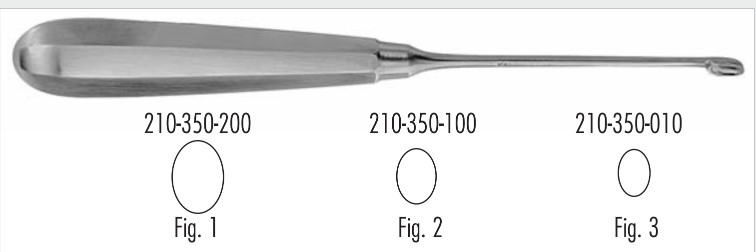
252-172-190	55° gebogen/curved
252-173-190	90° gebogen/curved

KUHN-BOLGER
Kieferhöhlenlöffel, 190 mm
Antrum spoon, 7 ½ inch



210-345-007	rechts gebogen/right curved
210-347-007	links gebogen/left curved

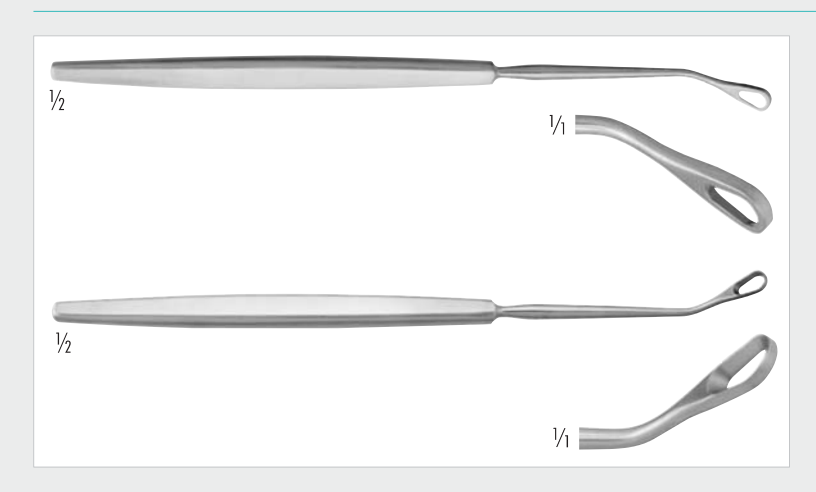
UFFENORDE
Kieferhöhlenlöffel, 170 mm
Antrum spoon, 6 ¾ inch



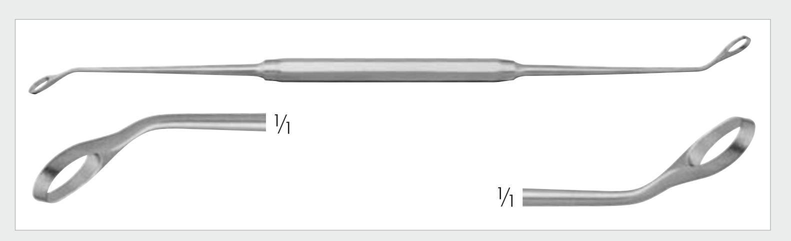
210-350-200	4,8 mm	Fig. 1
210-350-100	5,8 mm	Fig. 2
210-350-010	6,8 mm	Fig. 3

HALLE
Scharfe Löffel, biegsam, 210 mm
Antrum spoon, malleable, sharp, 8 ¼ inch





252-113-190 vorwärts schneidend/forward cutting
252-114-190 rückwärts schneidend/backward cutting
COAKLEY
Kiefernhöhlenkürette, klein, 200 mm
Antrum curette, small, 7 ¾ inch



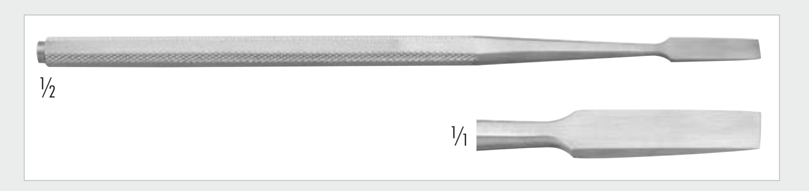
252-072-245
HALLE
Kieferhöhlenkürette, 200 mm
Antrum curette, 7 ¾ inch



252-073-200
Kieferhöhlensonde, biegsam, 200 mm
Antrum probe, malleable, 7 ¾ inch



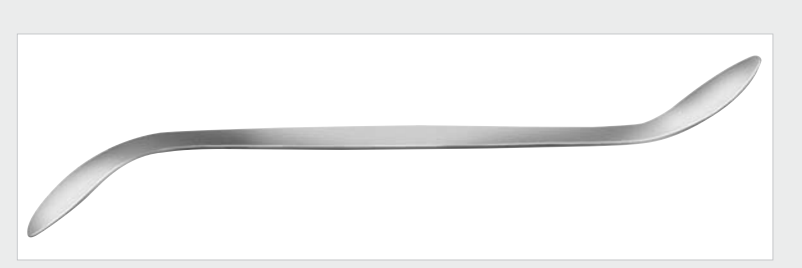
252-140-190 4 mm
WEST
Hohlmeißel, 190 mm
Gouge, 7 ½ inch



252-040-190 4 mm
WEST
Flachmeissel, 190 mm
Chisel, 7 ½ inch



252-041-012 12 mm
252-041-017 17 mm
Spatel, biegsam, 200 mm
Spatula, malleable, 7 ¾ inch



252-042-235
Orbitalschützer, 235 mm
Orbital protector, 9 ¼ inch





252-043-025 ∅ 2,5 mm
252-043-030 ∅ 3,0 mm
252-043-040 ∅ 4,0 mm
252-043-050 ∅ 5,0 mm

RITTER
Stirnhöhlendilatator, 160 mm
Frontal sinus bougies, 6 ¼ inch



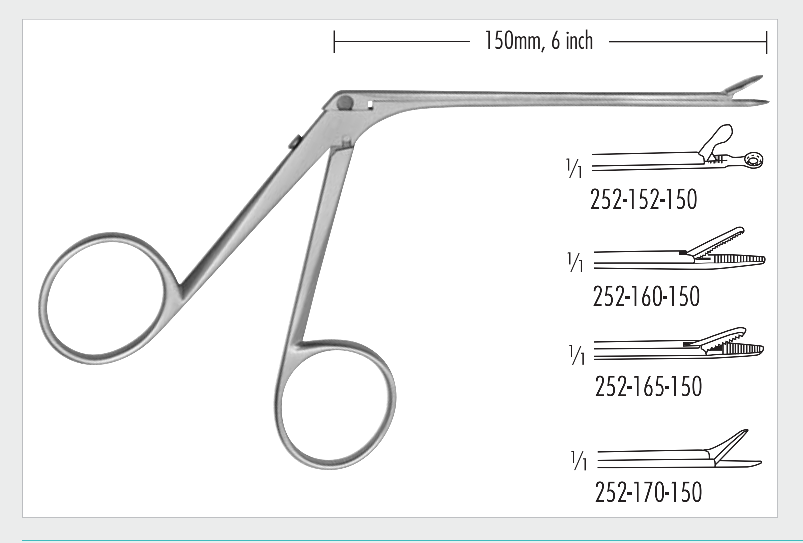
165-525-006 6 Charr./Fr.
165-525-007 7 Charr./Fr
165-525-008 8 Charr./Fr
165-525-010 10 Charr./Fr
165-525-012 12 Charr./Fr

FERGUSSON
Saugkanüle, 180 mm
Suction tube, 7 inch



252-025-180

FISCH
Saug-Spülrohr, 2,5 x 2, 0 mm, 180 mm
Suction-Irrigation tube, 2.5 x2.0 mm, 7 inch



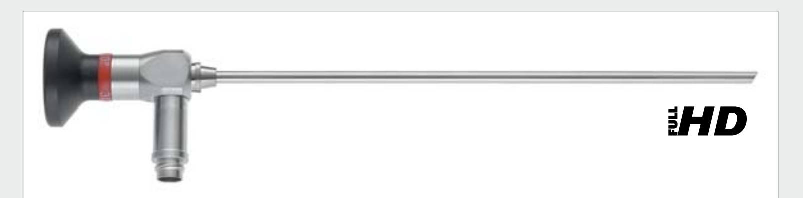
252-152-150 ∅ 2,0 mm
Löffelzängchen, runder Löffel
Cupped forceps, round cup

252-160-150
Faßzängchen, fein gerieft
Grasping forceps, fine serrations

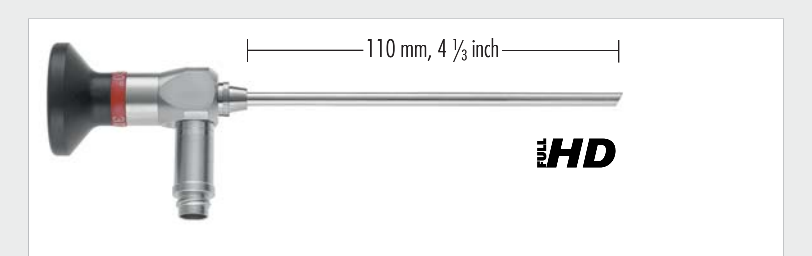
252-165-150
Faßzängchen, grob gerieft
Grasping forceps, coarse serrations

252-170-150
Scherchen
Scissors

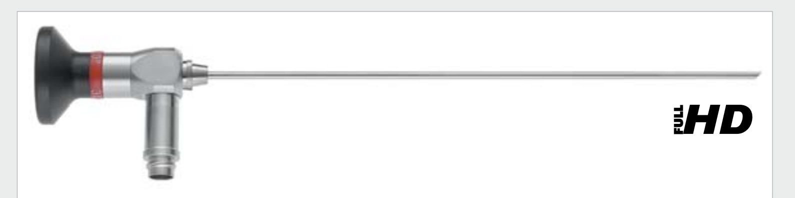




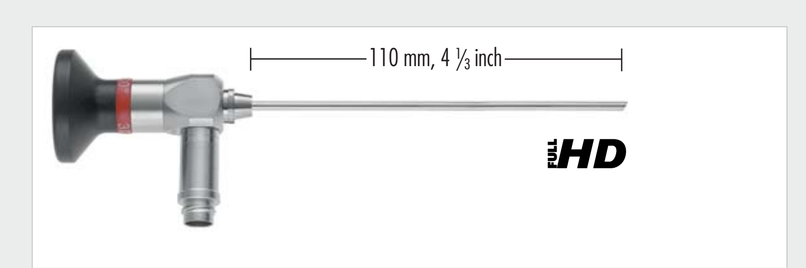
252-104-000 0°
252-104-030 30°
252-104-045 45°
252-104-070 70°
Sinuskopie-Optiken, autoklavierbar, 4,0 mm, 180 mm
Sinuscopes, autoclavable, 4.0 mm, 7 inch



252-104-200 0°
252-104-230 30°
252-104-270 70°
Sinuskopie-Optiken, Kinder, autoklavierbar, 4,0 mm, 110 mm
Sinuscopes, pediatric, autoclavable, 4.0 mm, 4 1/3 inch

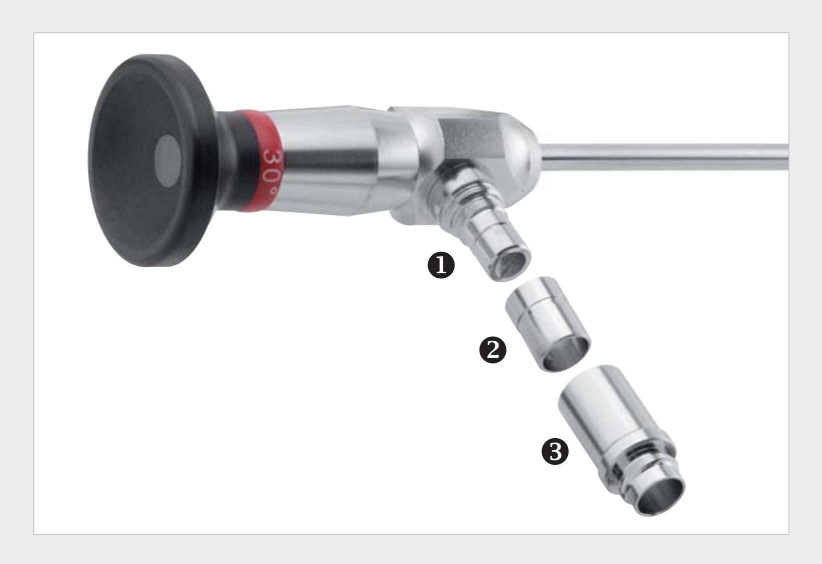


252-127-000 0°
252-127-030 30°
252-127-070 70°
Sinuskopie-Optiken, autoklavierbar, 2,7 mm, 180 mm
Sinuscopes, autoclavable, 2.7 mm, 7 inch



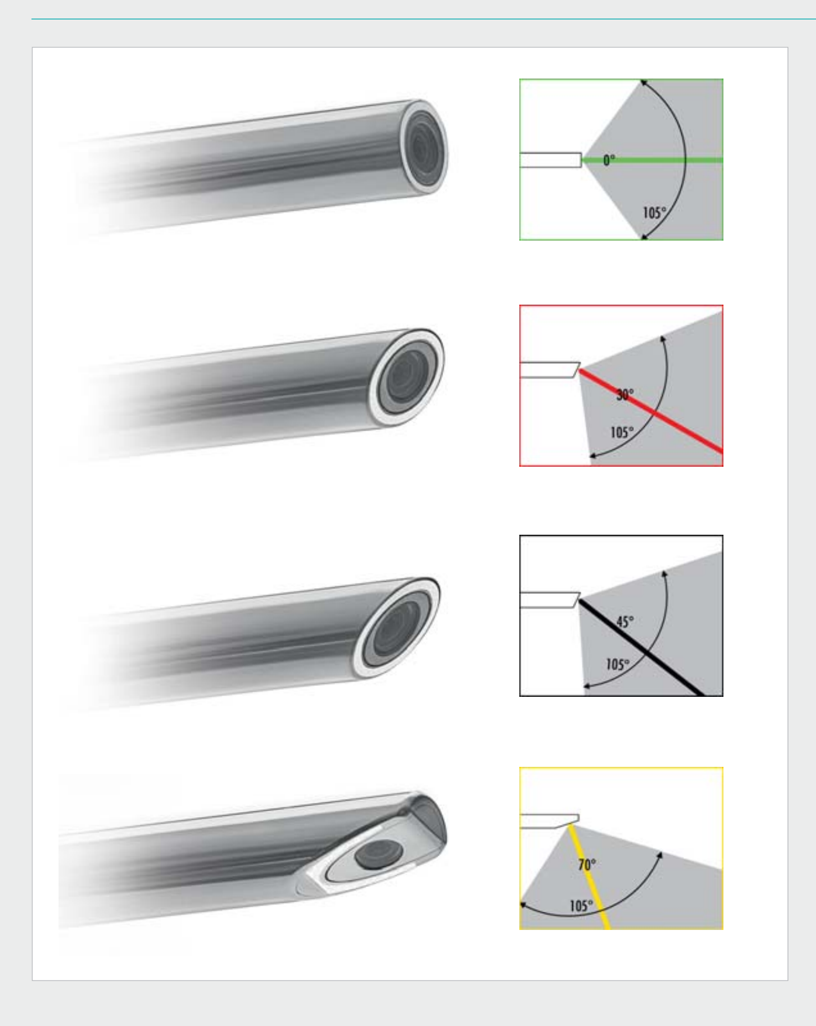
252-127-200 0°
252-127-230 30°
252-127-270 70°
Sinuskopie-Optiken, Kinder, autoklavierbar, 2,7 mm, 110 mm
Sinuscopes, pediatric, autoclavable, 2.7 mm, 4 1/3 inch

- Removable eyepiece for C-mount connection or RZ QuickSnap locking
- 3-step light post adaptors to connect the most common light cables directly to the endoscope
- Sapphire glasses ensure highest stability against damages on the lens system
- Optimised glass fibre arrangements ensure an uniform image brightness of highest quality
- Full HD high definition pictures with increased detail-resolution through newest CAD-designed rod-lens systems
- Fully Autoclavable at 134°C and 2.3bar



❶ RZ/Storz Anschluss / RZ/Storz connection
❷ R. Wolf Anschluss / R. Wolf connection
❸ ACMI/Gyrus Anschluss / ACMI/Gyrus connection

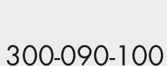




Farbliche Kennzeichnung der Gradzahl:
Colour coding of degree:

0° 30° 45° 70°



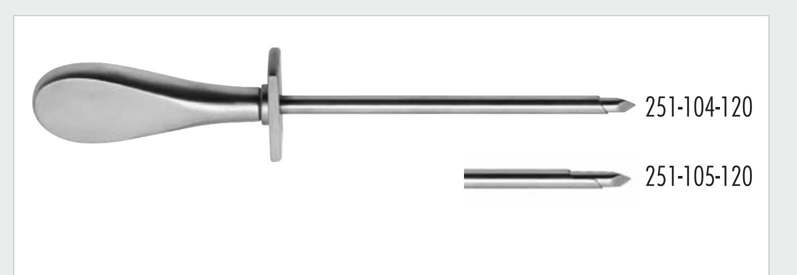


300-090-100
Schutzhülse, für 2,7 mm und 4,0 mm Optiken, 190 mm
Bestelleinheit: PH=Packung á 10 Stück
Protection tube, for 2.7 mm and 4.0 mm telescopes, 7 ½ inch
Sales unit: PH=Package of 10 pieces



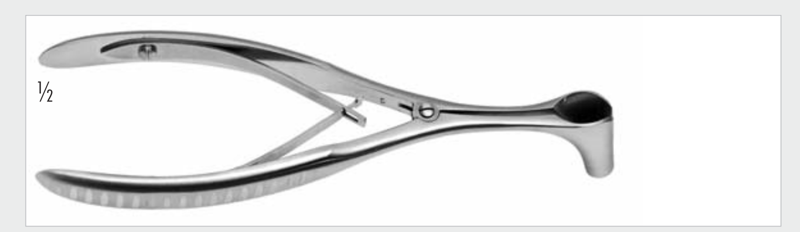
251-104-001 für 4 mm Optik / for 4 mm telescopes
251-127-001 für 2,5 mm Optik / for 2.7 mm telescopes
Optik Handgriff, flach, 120 mm
Telescope handle, flat, 4 ¾ inch

251-104-002 für 4 mm Optik / for 4 mm telescopes
251-127-002 für 2,5 mm Optik / for 2.7 mm telescopes
Optik Handgriff, rund, 120 mm
Telescope handle, round, 4 ¾ inch



251-104-120 schräges Schaftende/oblique sheath end
251-105-120 Duckbill Schaftende/Duckbill sheath end
251-127-120 für 2,7 mm Optik, 80 mm
for 2.7 mm telescope, 3 ⅛ inch
Sinuskopie-Trokar und Trokarhülse für 4,0 mm Optik,
scharfer Trokar ∅ 5,2 mm , 80 mm
Sinuscopy Trocar and Trocar sheath for 4.0 mm telescope,
sharp trocar ∅ 5,2 mm , 3 ⅛ inch





420-121-150 Fig. 1
420-122-150 Fig. 2
420-123-150 Fig. 3
HARTMANN-HALLE
Nasenspekulum, 155 mm
Nasal Specula, 6 inch



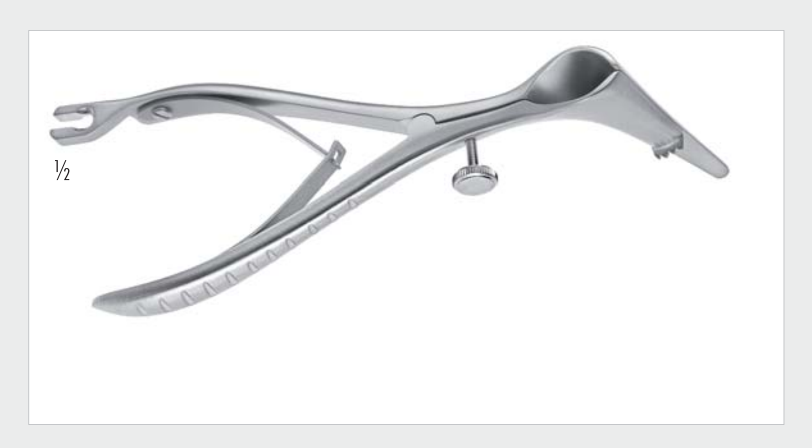
420-150-101	links/left 55mm, rechts/right 35mm
420-150-102	links/left 35mm, rechts/right 55mm
420-150-105	links/left 75mm, rechts/right 35mm
420-150-106	links/left 35mm, rechts/right 75mm
420-150-107	links/left 75mm, rechts/right 52mm
420-150-108	links/left 52mm, rechts/right 75mm

Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Stellschraube
Sinus Specula for use with flexible arm, with set screw



420-150-301	links/left 25mm, rechts/right 18mm
420-150-302	links/left 18mm, rechts/right 25mm

Kinder Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube
Children Sinus Specula for use with flexible arm, with teeth, with set screw



420-150-001	links/left 55mm, rechts/right 35mm
420-150-002	links/left 35mm, rechts/right 55mm
420-150-003	links/left 65mm, rechts/right 45mm
420-150-004	links/left 45mm, rechts/right 65mm
420-150-005	links/left 75mm, rechts/right 35mm
420-150-006	links/left 35mm, rechts/right 75mm
420-150-007	links/left 75mm, rechts/right 52mm
420-150-008	links/left 52mm, rechts/right 75mm

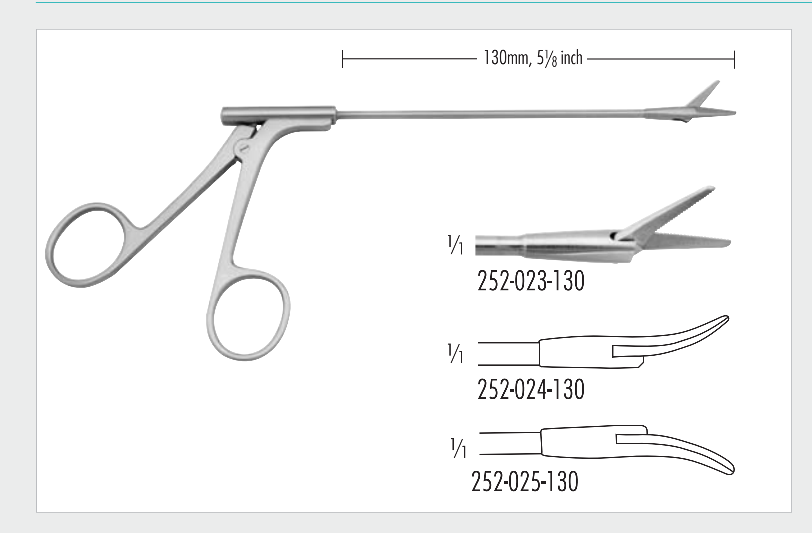
Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube
Sinus Specula for use with flexible arm, with teeth, with set screw



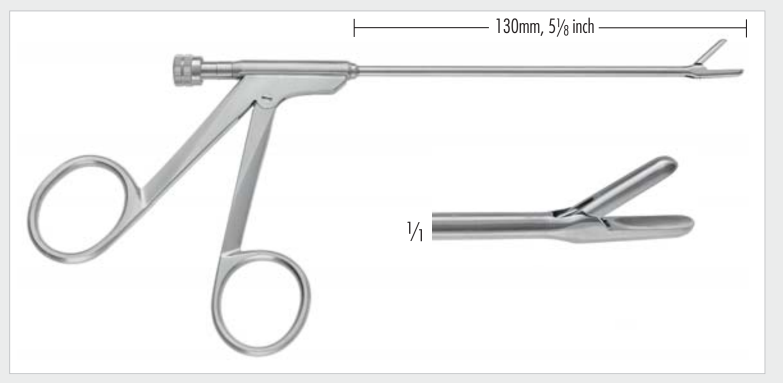
420-150-201	links/left 55mm, rechts/right 45mm
420-150-202	links/left 45mm, rechts/right 55mm
420-150-203	links/left 65mm, rechts/right 45mm
420-150-204	links/left 45mm, rechts/right 65mm
420-150-205	links/left 75mm, rechts/right 45mm
420-150-206	links/left 45mm, rechts/right 75mm

KILLIAN STRYKEN
Sinus Spekula zur Verwendung mit flexiblen Spannarm, mit Zähnen, mit Stellschraube
Sinus Specula for use with flexible arm, with teeth, with set screw

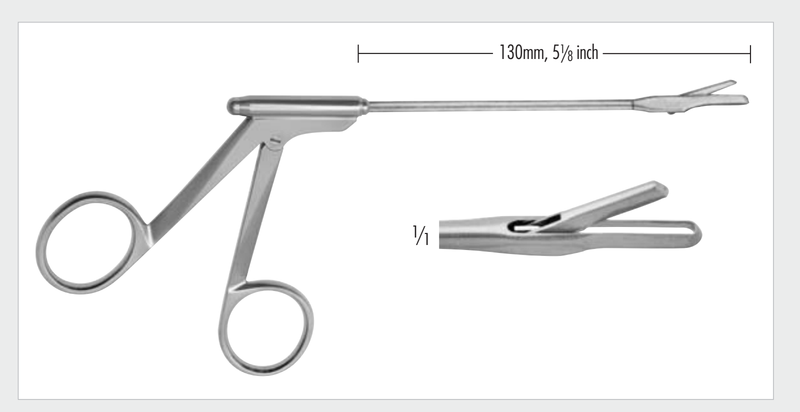




252-023-130 gerade/straight
252-024-130 links gebogen/curved to left
252-025-130 rechts gebogen/curved to right
Nasenschere, 130 mm
Nasal scissors, 5 ⅛ inch

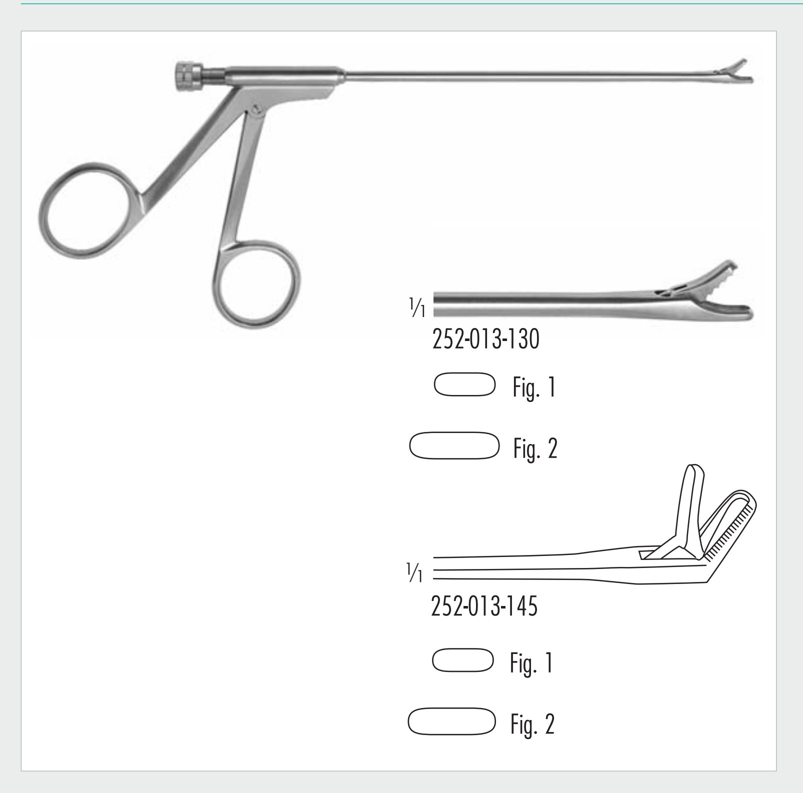


252-002-130
TAKAHASHI
Siebbeinzange, 3x10 mm, 130 mm
Ethmoidal forceps, 3x10 mm, 5 ⅛ inch



252-003-130
STRUYCKEN
Siebbeinzange, 130 mm
Ethmoidal forceps, 5 ⅛ inch





252-013-130 Fig. 1 8 x 3 mm
252-014-135 Fig. 2 11,5 x 3,5 mm

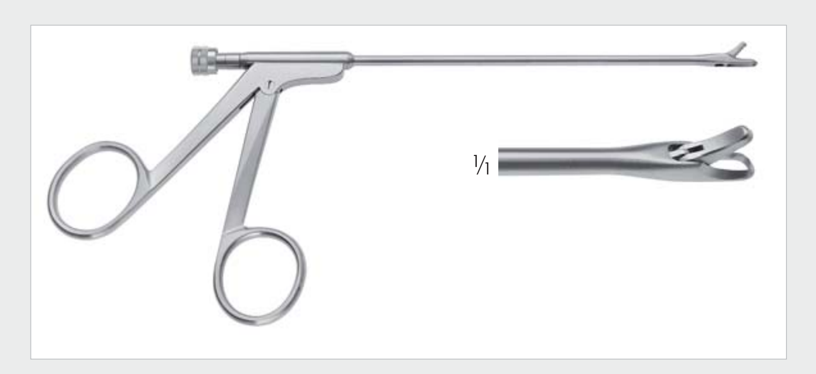
GRÜNWALD-HENKE

Scharfe Nasenzange, durchschneidend, für glatten, gewebeschonenden Schnitt, extra zart, Arbeitslänge: 130 mm
Ethmoidal forceps, through cutting for clean soft tissue cut, straight, working length: 5 1/8 inch

252-013-145 Fig. 1 8 x 3 mm
252-014-145 Fig. 2 11,5 x 3,5 mm

GRÜNWALD-HENKE

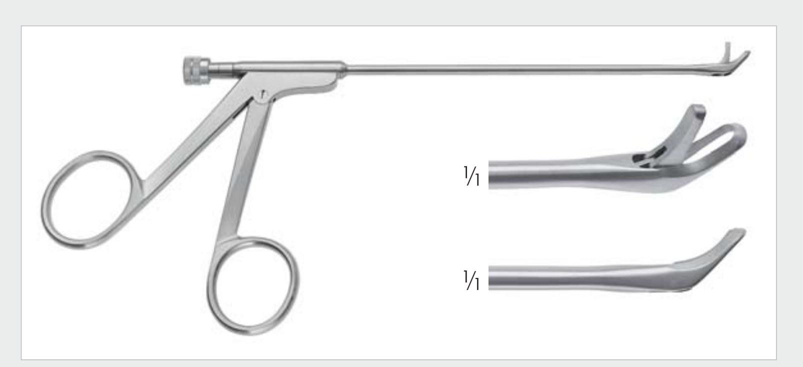
45° aufgebogen
45° upwards



252-206-000 Fig. 0 2 mm Schnitt/2 mm bite
252-206-001 Fig. 1 2,5 mm Schnitt/2.5 mm bite
252-206-002 Fig. 2 3 mm Schnitt/3 mm bite

DUCKBILL

Duckbill Punch, gerade, Arbeitslänge: 130 mm
Duckbill Punch, straight, working length: 5 1/8 inch



252-207-000 Fig. 0 2 mm Schnitt/2 mm bite
252-207-001 Fig. 1 2,5 mm Schnitt/2.5 mm bite
252-207-002 Fig. 2 3 mm Schnitt/3 mm bite

DUCKBILL

Duckbill Punch, aufwärts, Arbeitslänge: 130 mm
Duckbill Punch, upwards, working length: 5 1/8 inch





252-034-131 Größe 1/size 1 = 3 mm
252-034-132 Größe 2/size 2 = 3.5 mm
252-034-133 Größe 3/size 3 = 4 mm
252-034-134 Größe 4/size 4 = 5 mm
252-034-135 Größe 5/size 5 = 6 mm

BLAKESLEY

Nasenzange, gerade, 130 mm
Ethmoidal forceps, straight, 5 ⅛ inch



252-035-131 Größe 1/size 1 = 3 mm
252-035-132 Größe 2/size 2 = 3.5 mm
252-035-133 Größe 3/size 3 = 4 mm
252-035-134 Größe 4/size 4 = 5 mm
252-034-135 Größe 5/size 5 = 6 mm

BLAKESLEY-WILDE

Nasenzange, 45° aufgebogen, 130 mm
Ethmoidal forceps, 45° angled, 5 ⅛ inch

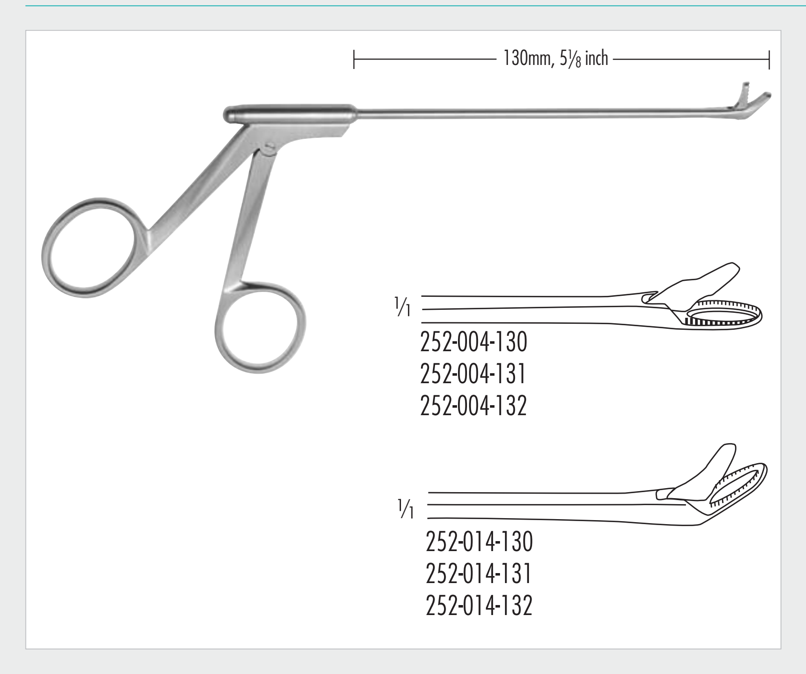


252-037-131 Größe 1/size 1 = 3 mm
252-037132 Größe 2/size 2 = 3.5 mm
252-037-133 Größe 3/size 3 = 4 mm
252-037-134 Größe 4/size 4 = 5 mm
252-037-135 Größe 5/size 5 = 6 mm

BLAKESLEY-WILDE

Nasenzange, 90° aufgebogen, 130 mm
Ethmoidal forceps, 90° angled, 5 ⅛ inch





252-004-130 Fig. 0 3 mm breit
252-004-131 Fig. 1 3,5 mm breit
252-004-132 Fig. 2 4,0 mm breit

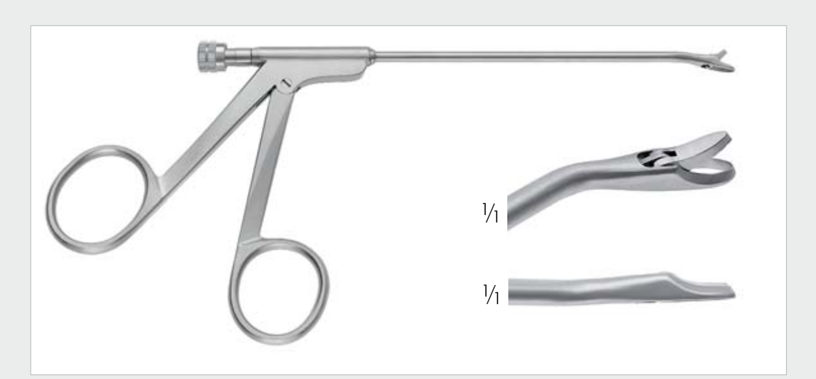
BLAKESLEY

Scharfe Nasenzange, durchschneidend, für glatten, gewebeschonenden Schnitt, gerade, 130 mm
Ethmoidal forceps, through cutting for clean soft tissue cut, straight, 5 ⅛ inch

252-014-130 Fig. 0 3 mm breit
252-014-131 Fig. 1 3,5 mm breit
252-014-132 Fig. 2 4,0 mm breit

BLAKESLEY

45° aufgebogen
45° upwards



252-401-025 30° links gebogen/curved left
252-403-025 30° rechts gebogen/curved right

BLAKESLEY

Nasenzange, durchschneidend, 2,5 mm Schnitt, Arbeitslänge: 115 mm
Nasal Forceps, through cutting, 2.5 mm bite, working length: 4 ½ inch

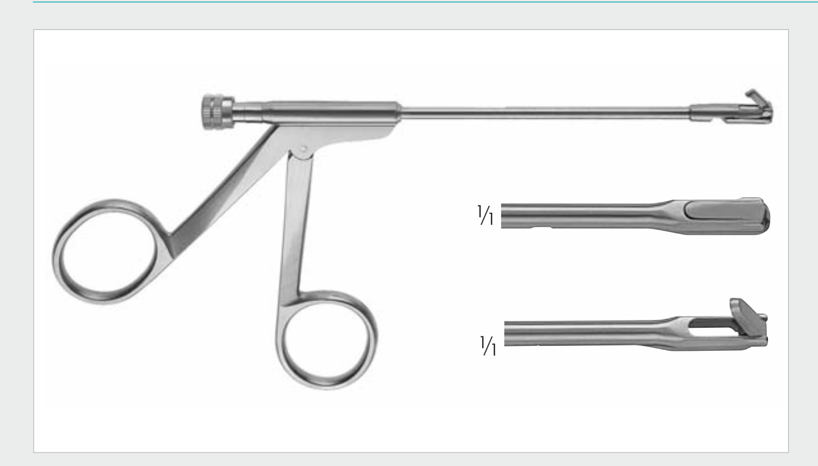


252-115-025 oben öffnend/upwards cutting
252-115-125 links öffnend/left side cutting
252-115-225 rechts öffnend/right side cutting

OSTROM

Ostrom Sinusstanze, 2,5 mm Schnitt, Arbeitslänge: 115 mm
Ostrom Sinus Punch, 2.5mm bite, working length: 5 ½ inch

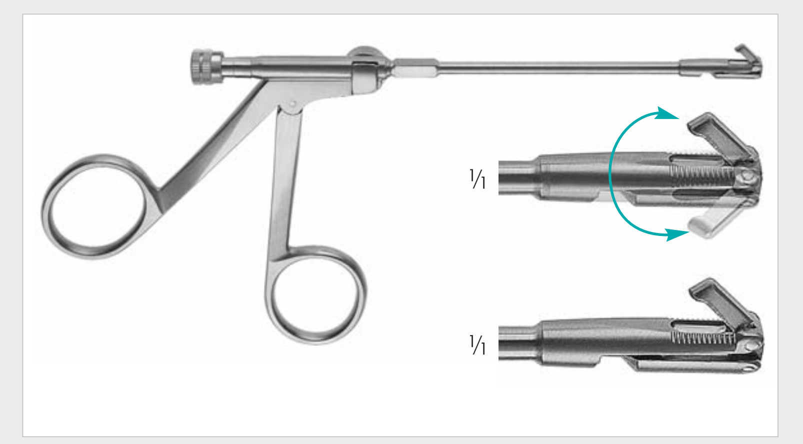




252-015-100 oben/upside
252-115-100 rechts/right
252-215-100 links/left

OSTROM

Kieferhöhlenstanze, 2,5 mm Schnitt, rückwärts schneidend,
Arbeitslänge: 100 mm
Antrum punch, 2.5 mm cut, backward cutting,
working length: 4 inch



252-315-100 drehbar, 360°/rotating, 360°

OSTROM

Kieferhöhlenstanze, rückwärts schneidend, 2,5 mm Schnitt,
Arbeitslänge: 100 mm
Antrum punch, backward cutting, 2.5 mm cut,
working length: 4 inch

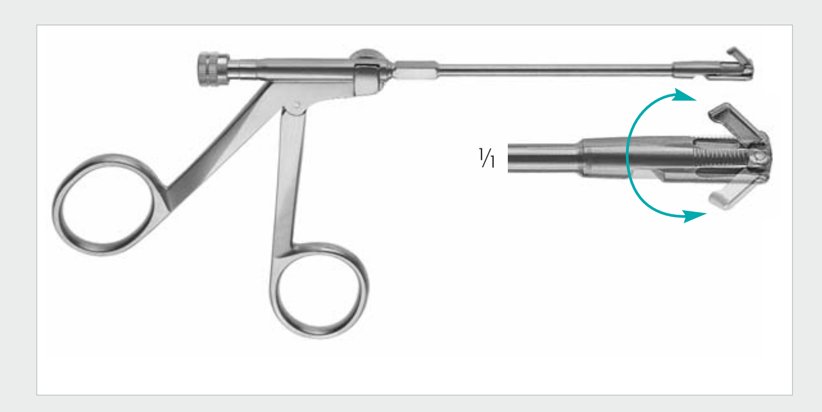


252-010-100 oben/upside
252-110-100 rechts/right
252-210-100 links/left

OSTROM

Kieferhöhlenstanze, kleines schlankes Modell, 1,5 mm Schnitt,
rückwärts schneidend, Arbeitslänge: 100 mm
Antrum punch, small delicate pattern, 1.5 mm bite, backward cutting,
working length: 4 inch

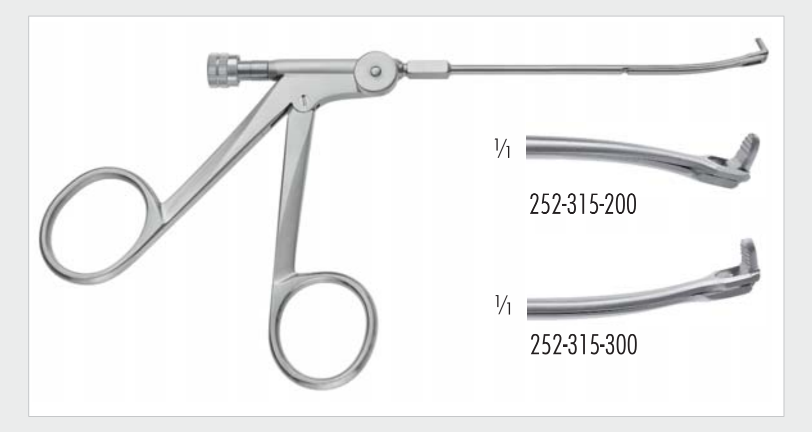




252-310-100 drehbar, 360°/rotating, 360°

OSTROM

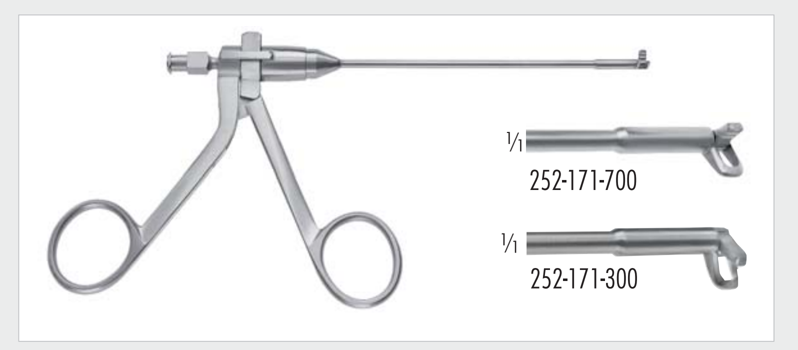
Kieferhöhlenstanze, kleines schlankes Modell, 1,5 mm Schnitt
Arbeitslänge: 100 mm
Antrum punch, small delicate pattern, 1.5 mm bite,
working length: 4 inch



252-315-200 abgebogen/curved down
252-315-300 aufgebogen/curved up

OSTROM

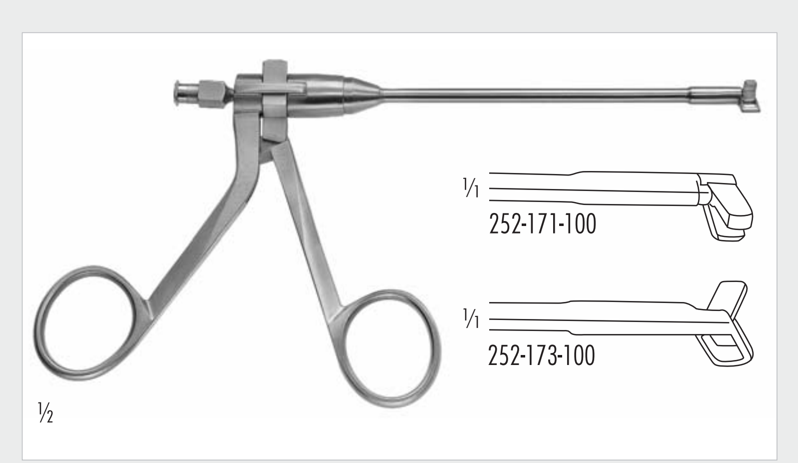
Nasenzange, drehbar, kleiner Schnitt, Arbeitslänge: 100 mm
Ethmoidal forceps, rotating, micro bite, working length: 4 inch



252-173-700 links schneidend/left cutting
252-171-700 rechts schneidend/right cutting
252-171-300 nach rechts unten schneidend/ downward right cutting
252-173-300 nach links unten schneidend/ downward left cutting

SIDECUTTER

Kieferhöhlenstanze, 2,5 mm Schnitt, Arbeitslänge: 100 mm
Antrum Punch, 2.5 mm bite, working length: 4 inch

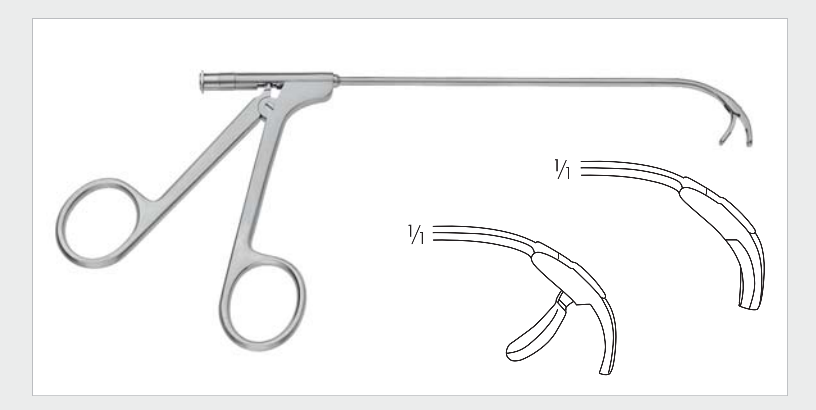


252-171-100 nach rechts unten schneidend downward right cutting
252-173-100 nach links unten schneidend downward left cutting

SIDECUTTER

Kieferhöhlenstanze, 3,5mm Schnitt, Arbeitslänge: 100 mm
Antrum punch, 3.5mm cut, working length: 4 inch



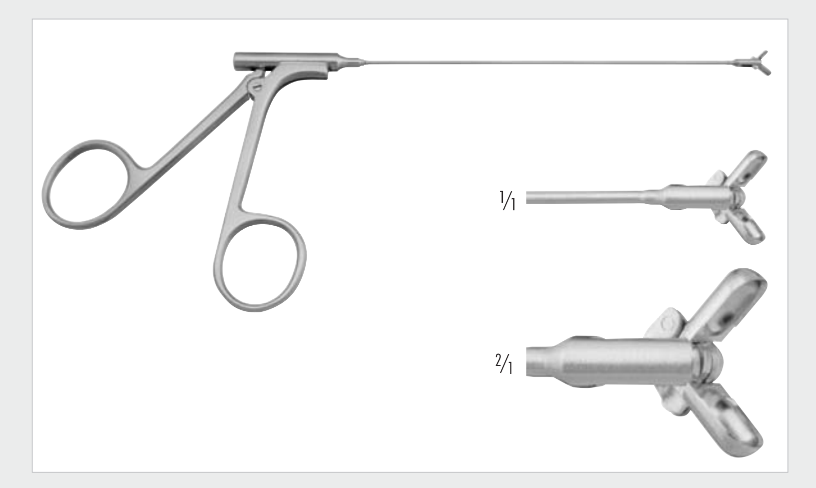


252-410-112

HEUWIESER

Kieferhöhlen-Faßzange, 90° gebogen, bis 120° rückwärts öffnend, Arbeitslänge: 130 mm

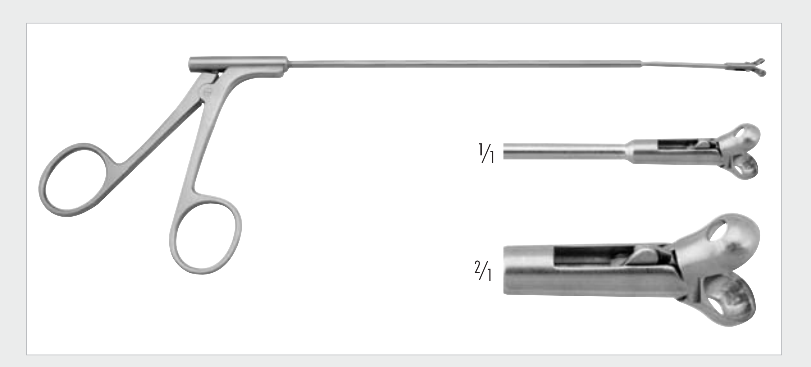
Antrum grasping foceps, 90° curved, 120° backward opening, working length: 5 inch



252-503-140

Probexcisions- und Faßzange, extra fein, mit ovalem Löffel 3 mm, 140 mm

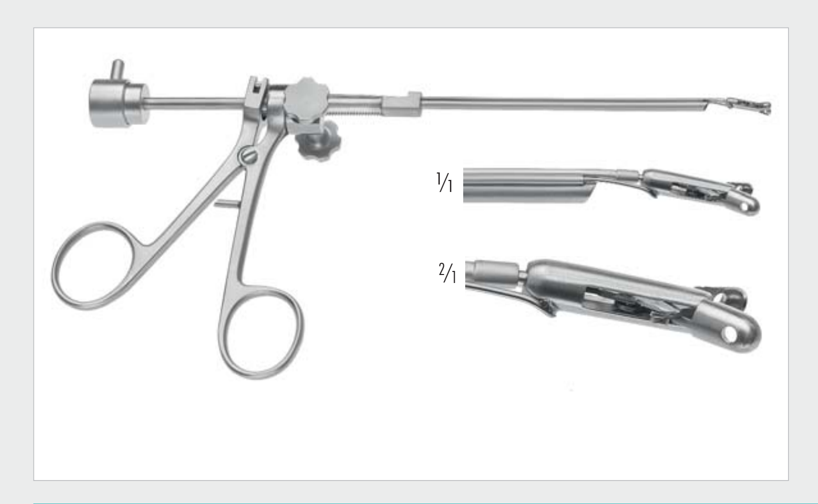
Biopsy and Grasping forceps, delicate pattern, 3 mm oval cup, 5 ½ inch



252-174-180

Probeexcision- und Fasszange, Schaftende biegsam, 4 mm Löffel, vertikal öffnend, 180 mm

Biopsy and Grasping forceps, malleable shaft, 4 mm biopsy cup, vertical opening, 7 inch

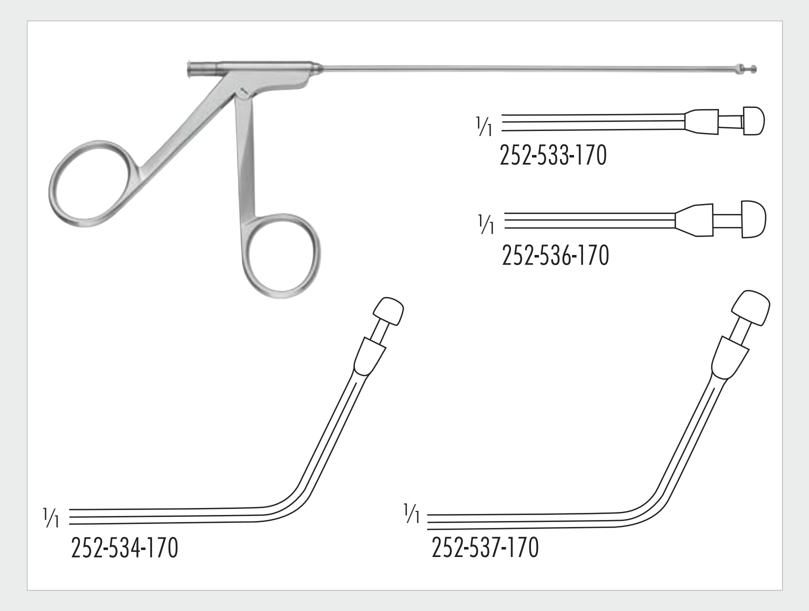


252-501-140

Optische Löffel- und Faßzange, für 2,7 mm Optiken, 140 mm

Optical Biopsy and Grasping forceps, for 2.7 mm optics, 5 ½ inch





252-533-170 ∅ 3,5 mm
252-536-170 ∅ 4,5 mm
STAMMBERGER
Zirkular Stanze, gerade, 170 mm
Circular punch, straight, 6 ¾ inch

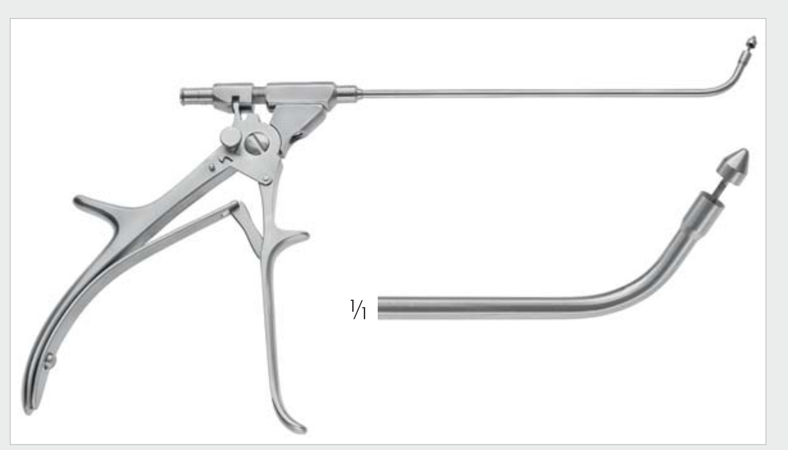
252-534-170 ∅ 3,5 mm
252-537-170 ∅ 4,5 mm
STAMMBERGER
Zirkular Stanze, 65° aufgebogen, 170 mm
Circular punch, 65° curved up, 6 ¾ inch



252-537-335 3.5mm ∅
252-537-345 4.5mm ∅
RZ
Circular Stanze, 60° aufgebogener Schaft,
eiförmiger Schnitt, Arbeitslänge: 160 mm
Circular Punch, 60° upturned shaft,
egg-shaped bite, working length: 160 inch

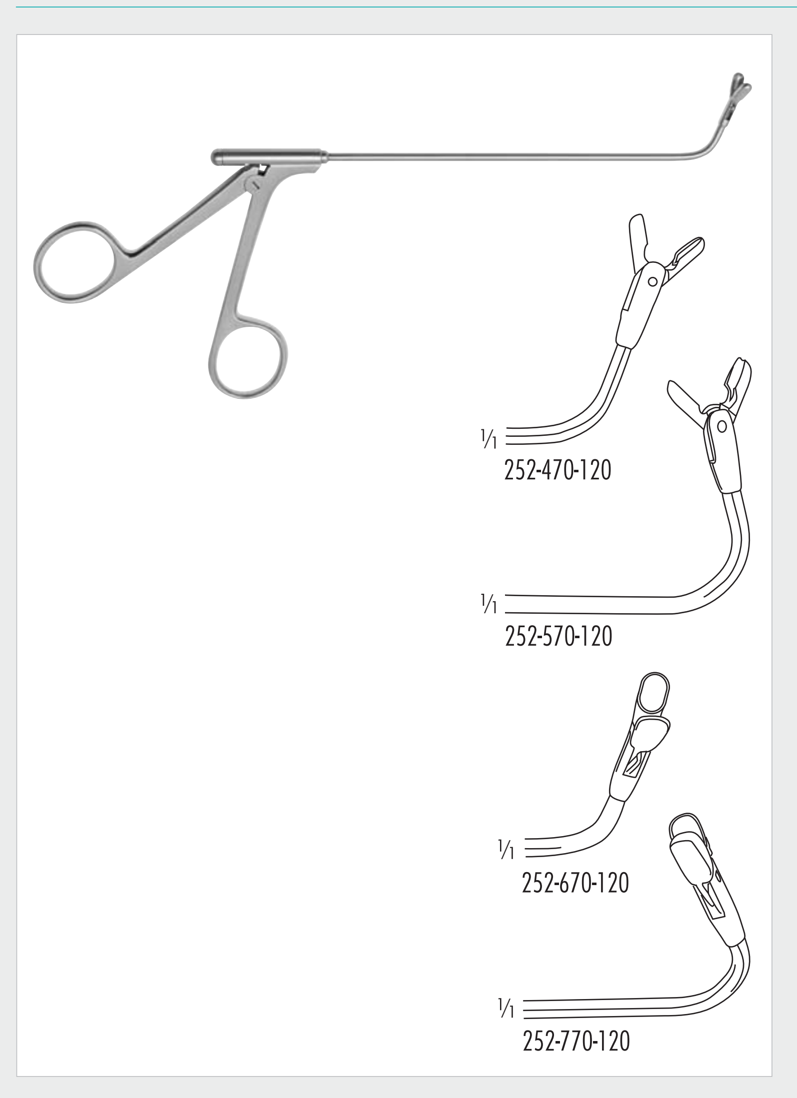
252-536-235 3.5mm ∅
252-536-245 4.5mm ∅
RZ
Circular Stanze, 120° schräger Schnitt, Arbeitslänge: 160 mm
Circular Punch, 120° oblique bite, working length: 160 inch

252-536-435 3.5mm ∅
252-536-445 4.5mm ∅
RZ
Circular Stanze, eiförmige Maulspitze,
60° schräger Schnitt, Arbeitslänge: 160 mm
Circular Punch, egg-shaped tip, 60° oblique bite,
working length: 160 inch



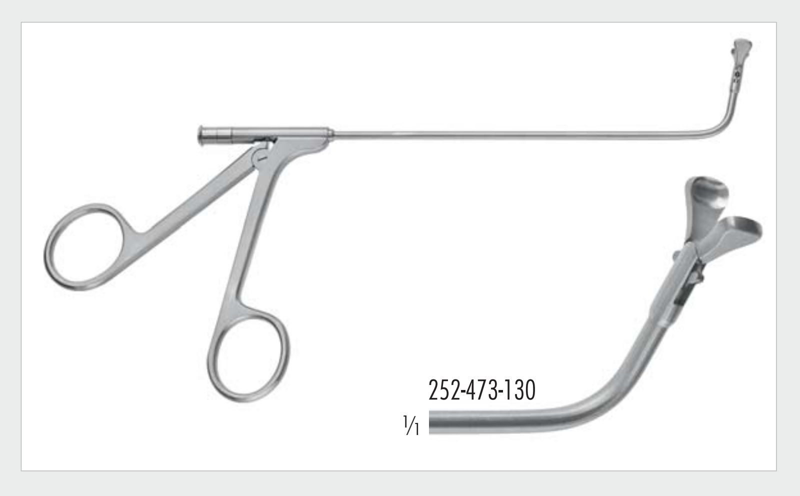
252-534-270 3.5mm ∅
252-537-270 4.5mm ∅
RZ
RZ-Circular Stanze, 70° aufwärts gebogen, mit Luer-Lock,
Arbeitslänge: 130 mm
Circular Punch, 70° upturned shaft, with Luer-Lock,
working length: 5 inch





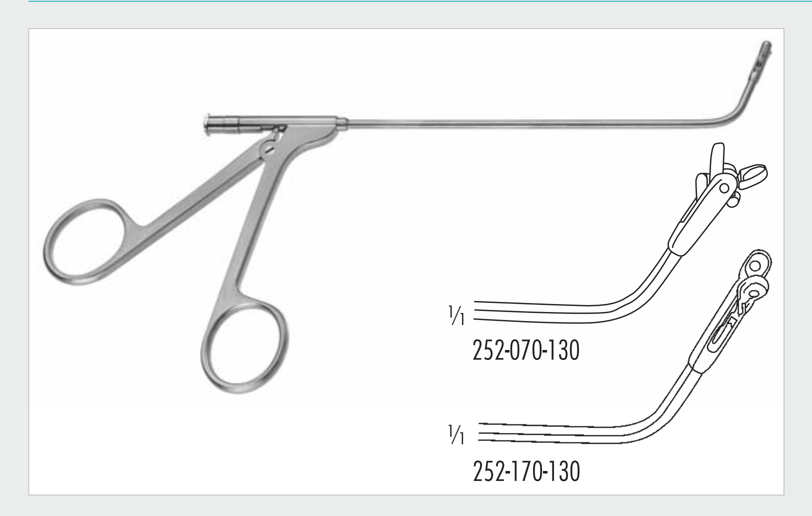
252-470-120 70° aufgebogen
252-570-120 110° rückwärts gebogen
RZ-GIRAFFE
Doppellöffelzange, vertikal öffnend, Löffel ∅ 4 mm, 120 mm
Biopsy forceps, vertical action, ∅ 4 mm, 4 ¾ inch

252-670-120 70° aufgebogen
252-770-120 110° rückwärts gebogen
RZ-GIRAFFE
Doppellöffelzange, horizontal öffnend, Löffel ∅ 4 mm, 120 mm
Biopsy forceps, horizontal action, ∅ 4 mm, 4 ¾ inch



252-473-130 horizontal öffnend/horizontal opening
252-472-130 vertikal öffnend/vertical opening
Doppellöffelzange mit birnenförmigem Maulteil,
80° aufgebogen, Arbeitslänge: 130 mm
Double action Biopsy Foceps, pear shaped jaws,
80° angled up, working length: 5 ⅛ inch

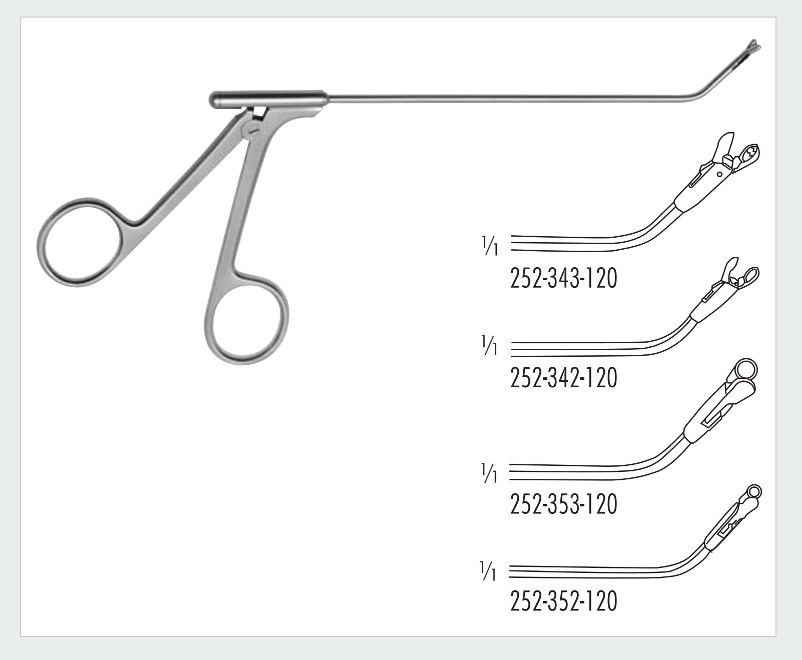




252-070-130 vertikal öffnend/vertical action
252-170-130 horizontal öffnend/horizontal action

RZ-GIRAFFE

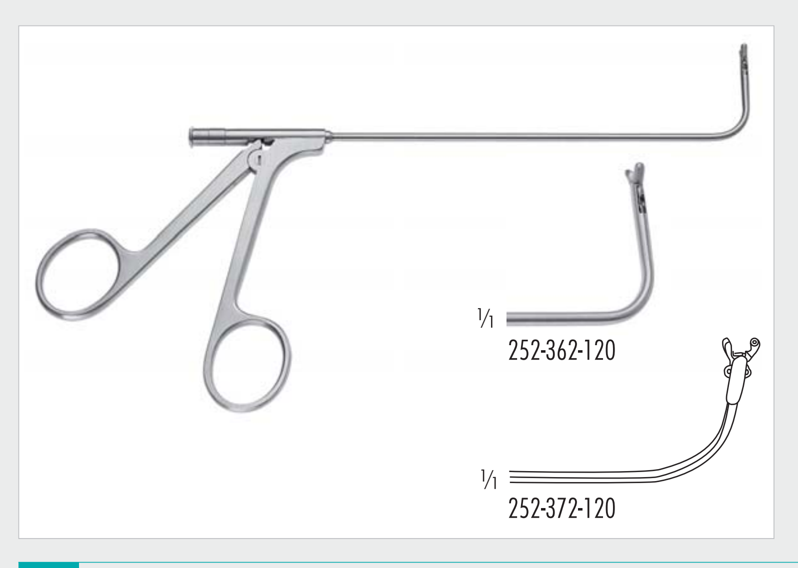
Doppellöffelzange, 70° aufgebogen, Löffel ∅ 3 mm ,
Arbeitslänge: 120 mm
Biopsy forceps, 70° angled, cup ∅ 3 mm,
working length 4 ¾ inch



252-343-120 vertikal öffnend, ∅ 3 mm, 55° aufgebogen
vertical action, ∅ 3 mm, 55° angled up
252-342-120 vertikal öffnend, ∅ 2 mm, 55° aufgebogen
vertical action, ∅ 2 mm, 55° angled up
252-353-120 horizontal öffnend, ∅ 3 mm, 55° aufgebogen
horizontal action, ∅ 3 mm, 55° angled up
252-352-120 horizontal öffnend, ∅ 2 mm, 55° aufgebogen
horizontal action, ∅ 2 mm, 55° angled up

KUHN-BOLGER

Doppellöffelzange, 120 mm
Giraffe forceps, 4 ¾ inch

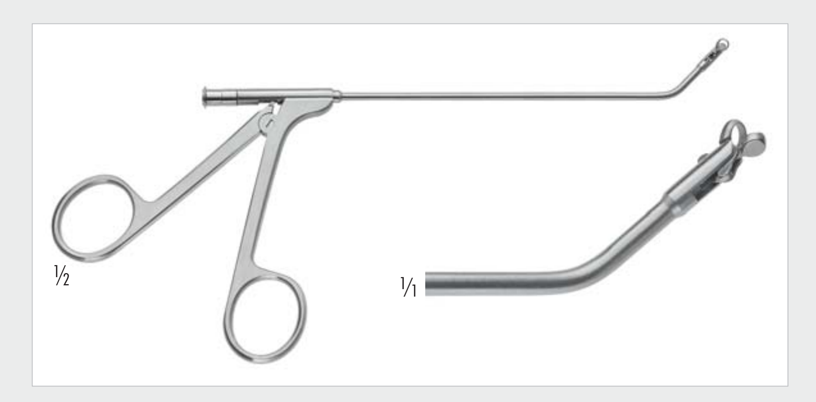


252-362-120 horizontal öffnend, ∅ 2 mm, 90° aufgebogen
horizontal action, ∅ 2 mm, 90° angled up
252-372-120 vertikal öffnend, ∅ 2 mm, 90° aufgebogen
vertical action, ∅ 2 mm, 90° angled up

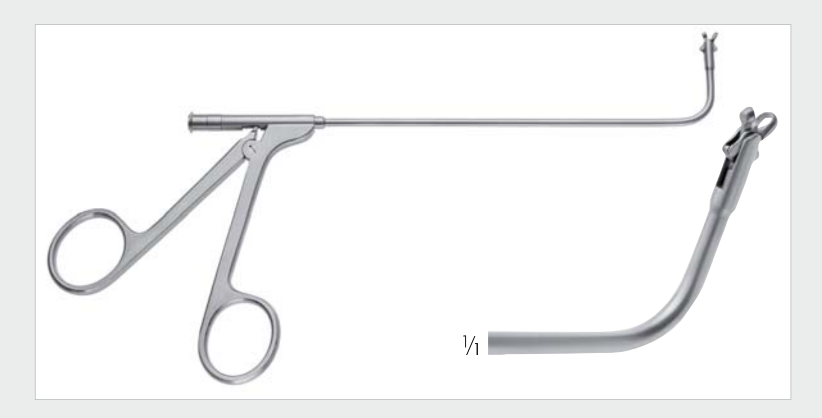
KUHN-BOLGER

Doppellöffelzange , 120 mm
Giraffe forceps, 4 ¾ inch





252-606-345 45° aufgebogen/45° upwards curved
252-606-390 90° aufgebogen/90° upwards curved
Sinsukopie Stanze, durchschneidend, 3mm runder Schnitt, horizontal öffnend, Arbeitslänge: 130 mm
Sinuscopy Punch, through cutting, 3 mm round bite, horizontal opening, working length: 5 ⅛ inch

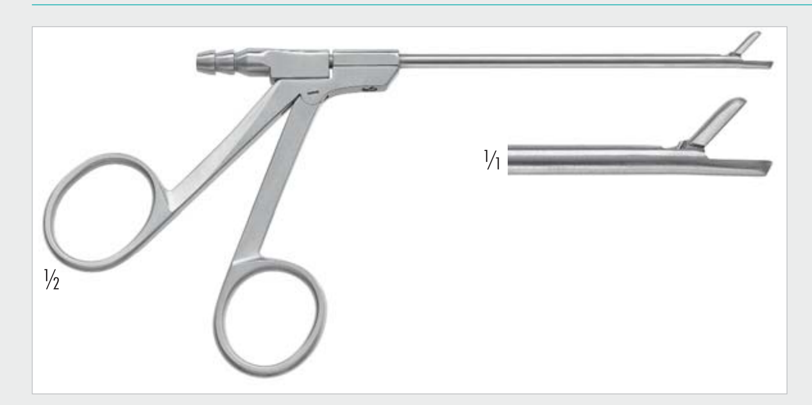


252-605-090 Vertikal öffnend/vertical opening
252-606-090 Horizontal öffnend/horizontal opening
Sinuskopie Stanze, durchschneidend, 2 mm runder Schnitt, 90° aufgebogen, Arbeitslänge: 130 mm
Sinuscopy Punch, through cutting, 2 mm round bite, 90° upwards curved, working length: 5 ⅛ inch



252-600-070 nach oben öffnend/backward opening
252-601-070 nach rechts öffnend/right side opening
252-602-070 nach links öffnend/left side opening
GRUENWALD
Sinuskopie Zange, durchschneidend, 2 mm Schnitt, 70° aufgebogen, Arbeitslänge: 130 mm
Sinoscopy Forceps, through cutting, 2 mm bite, 70° upwards curved, working length: 5 ⅛ inch

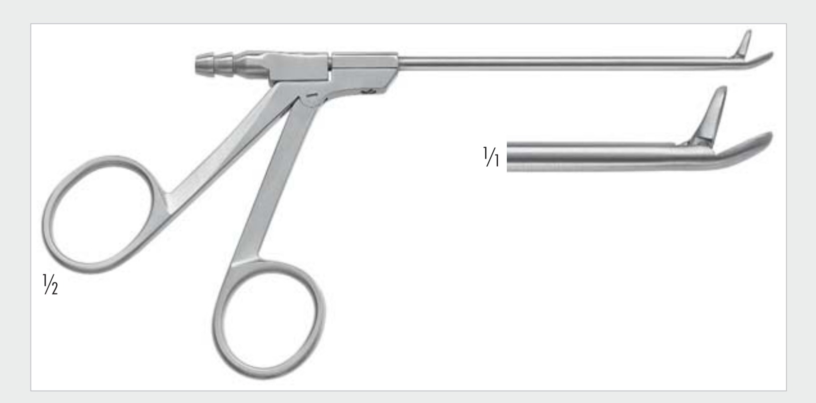




252-021-100 Größe 1/Size 1, 2.5mm
252-022-100 Größe 2/Size 2, 3.5mm
252-023-100 Größe 3/Size 3, 4.0mm

BLAKESLEY

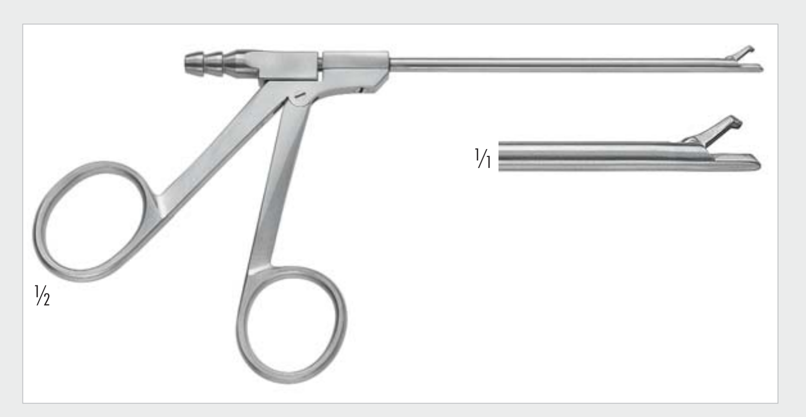
Saugstanze, gerade, 100 mm Arbeitslänge, ∅ 4mm
Suction Punch,straight, 100mm working length, ∅ 4mm



252-121-100 Größe 1/Size 1, 2.5mm
252-122-100 Größe 2/Size 2, 3.5mm
252-123-100 Größe 3/Size 3, 4.0mm

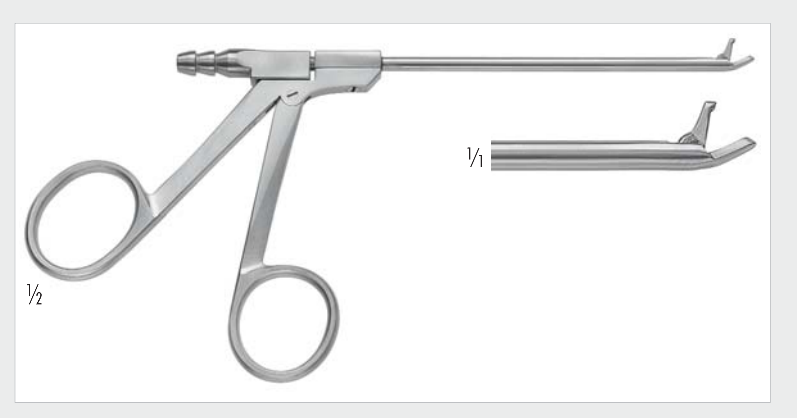
BLAKESLEY

Saugstanze, 45° aufgebogen, 100 mm Arbeitslänge, ∅ 4mm
Suction Punch, 45° upcurved, 100mm working length, ∅ 4mm



252-502-100

Biopsie Zange mit Absaugung, 2mm breit, durchschneidend, Arbeitslänge: 100mm
Biopsy Forceps with suction, 2mm wide, thru-cutting, working length: 100mm



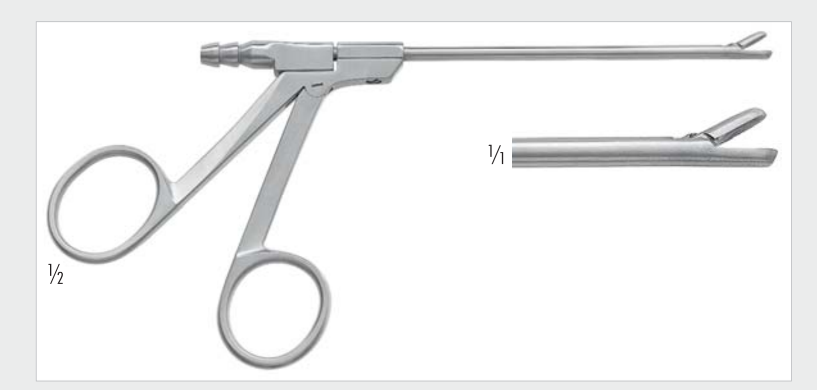
252-502-145

Biopsie Zange mit Absaugung, 2mm breit, durchschneidend, 45° aufwärts gebogen, Arbeitslänge: 100mm
Biopsy Forceps with suction, 2mm wide, through-cutting, 45° upcurved, working length: 100 mm

252-503-145

Schaft 15° aufwärts gebogen
Shaft 15° upcurved

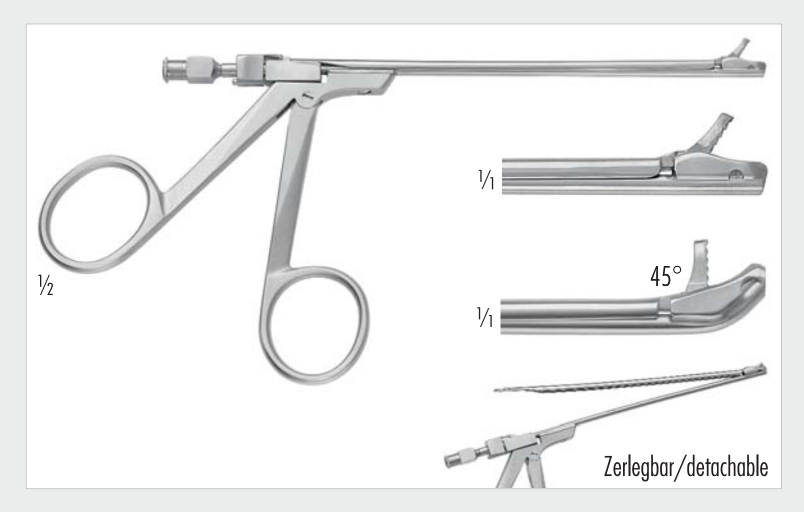




252-010-025 2.5mm, gerade/straight
252-010-035 3.5mm, gerade/straight
252-011-025 2.5mm, 45° aufgebogen/45° upcurved
252-011-035 3.5mm, 45° aufgebogen/45° upcurved

TAKAHASHI

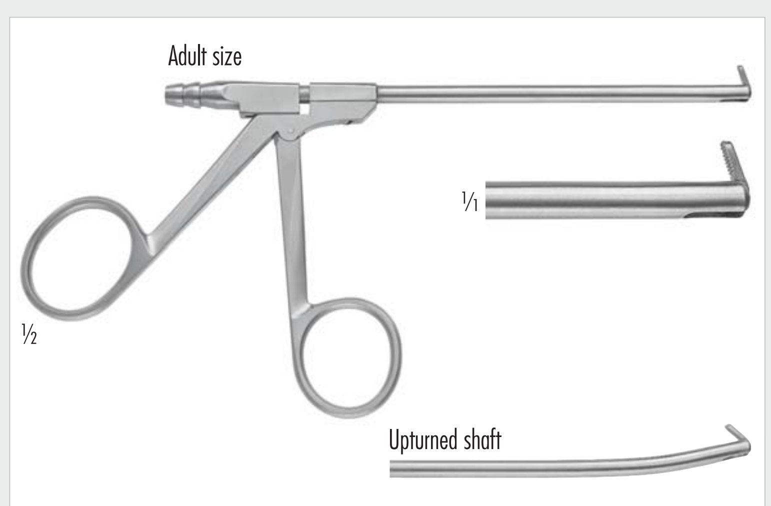
Saugstanze für Biopsie und Greifen, ∅ 4mm,
Arbeitslänge: 100 mm
Suction Punch for biopsy and grasping, ∅ 4mm,
working length: 100 mm



252-504-100 gerade/straight
252-505-100 45° aufgebogen/45° upcurved

BLAKESLEY

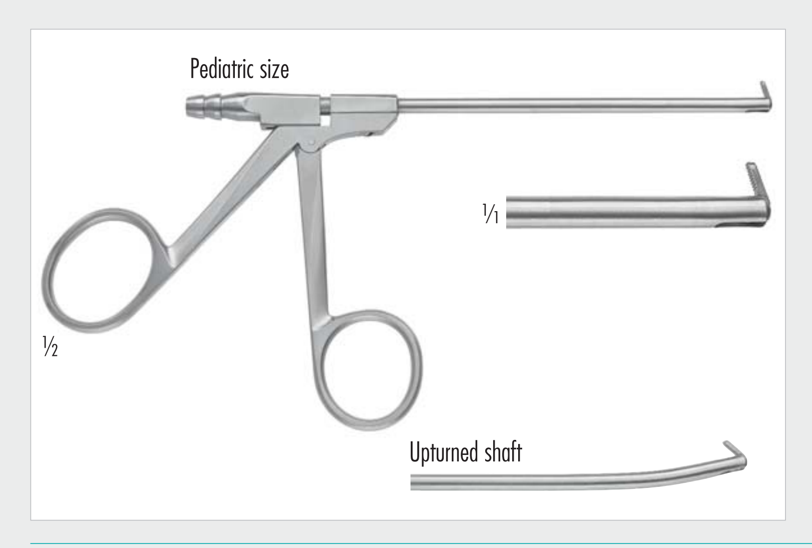
Biopsie Zange mit frontaler Absaugung, 2,5mm breit,
durchschneidend, zerlegbar, Arbeitslänge: 100 mm
Biopsy Forceps with frontal suction channel, 2.5mm wide,
through-cutting, detachable, working length: 100 mm



252-015-500 Aufwärts/upside
252-015-510 Links/left
252-015-520 Rechts/right
252-015-600 Aufgewinkelter Schaft, aufwärts
Upturned shaft, upside

OSTROM

Saugstanze, gerade, ∅ 5mm, rückwärts schneidend, 2,5mm Schnitt,
Arbeitslänge: 100 mm
Suction Punch, straight, backward cutting, ∅ 5mm, 2.5mm bite,
working length: 100 mm

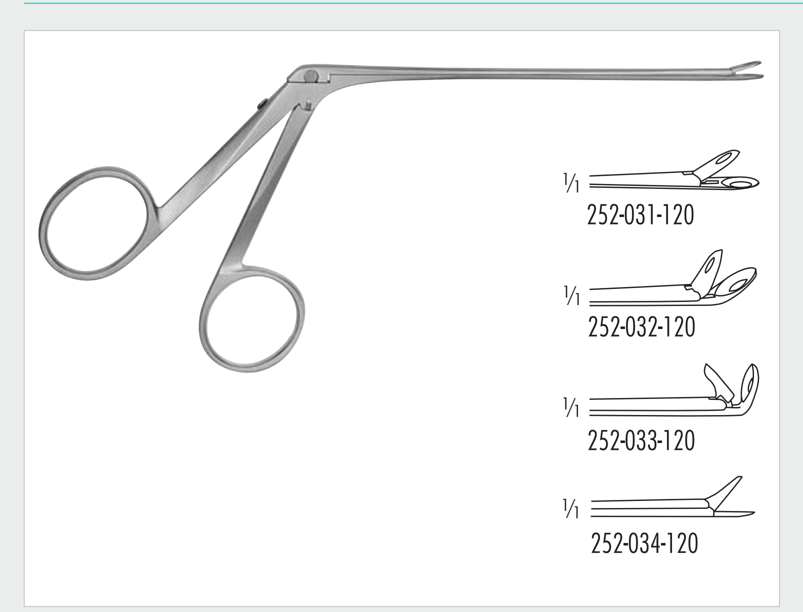


252-015-300 Aufwärts/upside
252-015-310 Links/left
252-015-320 Rechts/right
252-015-400 Aufgewinkelter Schaft, aufwärts
Upturned shaft, upside

OSTROM

Saugstanze, ∅ 4mm, rückwärts schneidend, 2,0mm Schnitt,
Arbeitslänge: 100 mm
Suction Punch, ∅ 4mm, backward cutting, 2.0mm bite,
working length: 100 mm





252-031-120 gerade/straight
252-032-120 45° aufgebogen/45° angled up
252-033-120 90° aufgebogen/90° angled up

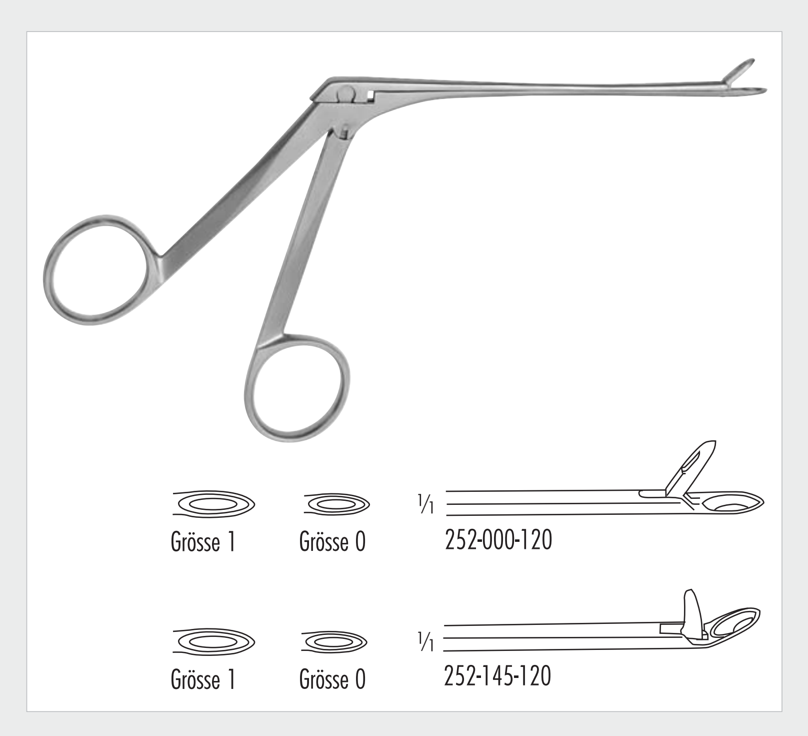
STRUEMPER

Nasenzängchen, mit ovalem, gefenstertem Löffelmaul, 120 mm
Nasal forceps with oval fenestrated cupped jaws, 4 ¾ inch

252-034-120

BELUCCI

Scherchen, gerade, 100 mm
Scissors, straight, 4 inch



252-143-120 Größe/size 0, 2 mm
252-144-121 Größe/size 1, 2.5 mm

STRUEMPEL-VOSS

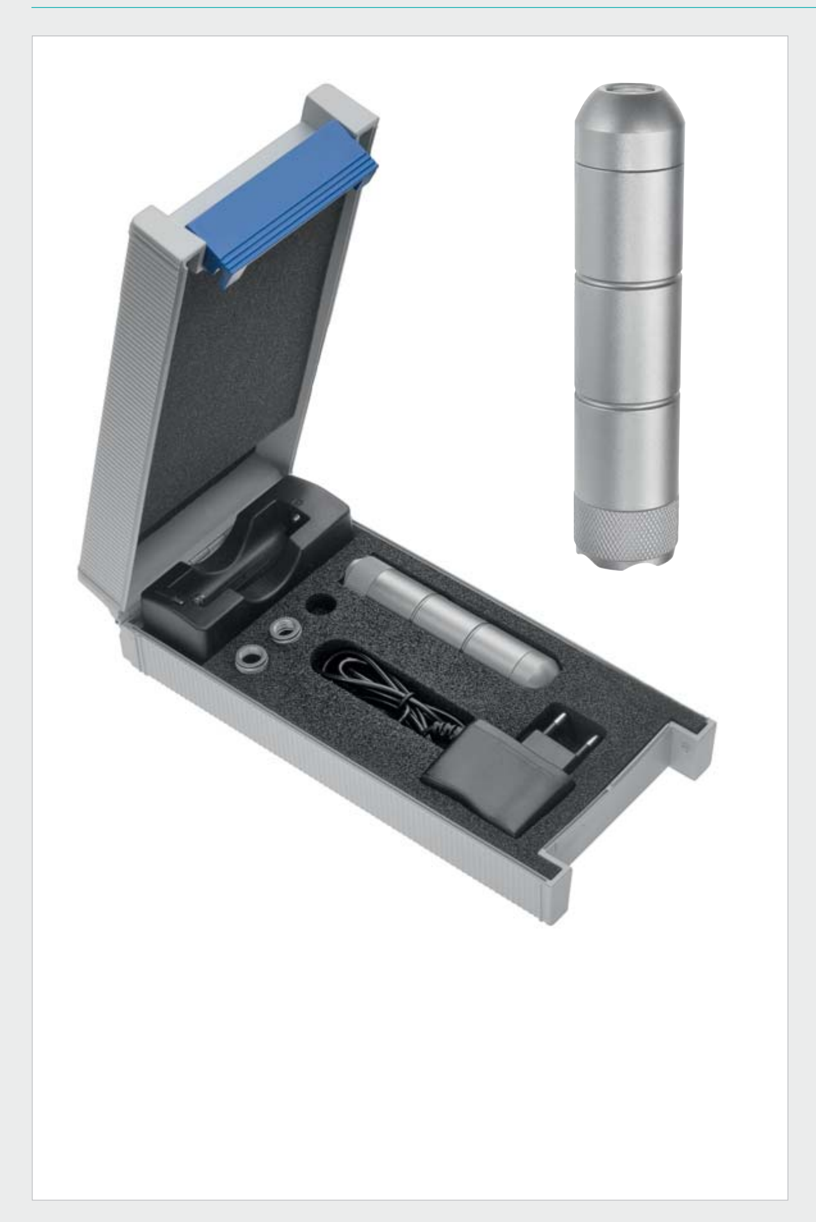
Blakesley Zange, gerade, 120 mm
Blakesley forceps, straight, 4 ¾ inch

252-145-120 Größe/size 0
252-146-121 Größe/size 1

STRÜMPEL-VOSS

Nasenzange, fein, 45° aufgebogen, 120 mm
Nasal forceps, delicate, 45° angled up, 4 ¾ inch





300-001-142

RZ Mobile LED Kaltlichtquelle, 5W, 56000Lux, 5800°K
inkl. Ladestation, rostfreier Stahl
RZ mobile LED Cold light source, 5W, 56000Lux, 5800°K
incl. charging unit, stainless steel



300-001-144

RZ Mobile Kaltlichtgriff für Endoskopie, LED-Beleuchtung, rostfreier Stahl
RZ Mobile cold-Light handle for Erndoscopy, LED illumination,
stainless steel

300-001-143 230V
300-001-043 110V

RZ Mobile Ladestation für Kaltlichtgriff, LED Beleuchtung
RZ Mobile charging station for cold-light handle, LED illumination





300-002-300 XENON 300W Automatic Light Source

The RZ XENON Light Source offers the professional user the most advanced pure day light. It contains an improved high intensity and low heat conductive Xenon lamp.

The automatic high speed level control works perfectly with video cameras.

Features:
- high efficiency Reflector to focus more light
- easy exchange of lamp without tools
- constant color temperature by mechanical, motor-driven diaphragm
- waterproofed touch panel
- automatic light level control



300-002-305
with TURRET Adaptor
(Storz/ Wolf/Olympus /ACMI)

Technical data

Type	XENON
Power supply	110/115 VAC and 230/240 VAC,
	switchable
Weight	13,5 kg
Power consumption	370 W
Video input	1 x VBS, 1 x S-VHS (Y/C)
Dimensions	355x110x347mm

Lamp	xenon short arc gas discharge lamp, elliptical cold light reflector
Class / Type	1 / BF
Manufactured and tested acc.	IEC 601-1 / EN 60601-1 93/42 ECC





300-001-300 XENON 300W Light Source

The RZ XENON Light Source offers the professional user the most advanced pure day light. It contains an improved high intensity and low heat conductive Xenon lamp.
For highest safety requirements, we offer also an built-in 150 Watt Halogen lamp as emergency illumination. In case of lamp defects during operation the emergency lamp is automatically switched on.

Features:
- high efficiency Reflector to focus more light
- easy exchange of lamp without tools
- constant color temperature by mechanical, motor-driven diaphragm
- waterproofed touch panel





TURRET Adaptor
(Storz/ Wolf/Olympus /ACMI)

OptionArbeitslänge:

300-001-303
with built-in 150W Halogene Lamp

300-001-305
with TURRET Adaptor

300-001-308
with built-in 150W Halogene Lamp and TURRET Adaptor

Technical data

Type	XENON
Power supply	110/115 VAC and 230/240 VAC, switchable
Weight	13,5 kg
Power consumption	370 W
Dimensions	355x110x347mm

Lamp	xenon short arc gas discharge lamp, elliptical cold light reflector
Class / Type	1 / BF
Manufactured and tested acc.	IEC 601-1 / EN 60601-1 93/42 ECC





300-001-180 ALEXiS Light Source (180 Watt)

The superior ALEXIS 180 XENON light source offers outstanding white examination light (sunlight spectrum) for all endoscopic applications, for example:

- during video endoscopy
- during fiber endoscopy
- during endoscopy using rigid telescopes
- for use with head lights

The unique AUTOMATIC function completes this outstanding Light source

Technical Data

Type of lamp	Xenon XBO 180
Power Output (Light)	180 Watt
Colour temperature	Approx. 6000°K
Light Cable Connection	Storz®- compatibility
Power input	400 VA
Power frequency	50/60 Hz
Mains voltage	115/230 V
Mains fuse	115 V: T 6.3 A 230 V: T 3.15 A
Dimensions (WxHxD)	380 x 125 x 380 mm
Weight	7 kg

Average lamp life	500 h
Protection class	Class I according Council Directive 93/42/EEC
Classification	BF without function group with 1 Patient circuit
Test standard	IEC 601-1, IEC 601-1-2, MPG
Features	Electronic Diaphragm, Lamp lifetime counter, Programmable Automatic function for Diaphragm (set "erase to 100%")

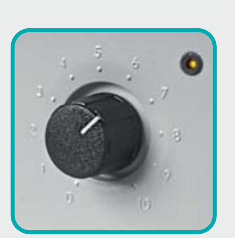




300-900-050 LED true-colour light source

Features:

- LED true-colour light source with 5.800°K light temperature
- 50W high intensity LED technology — equivalent to 100Watt Xenon light source
- Up to 50.000h lamp life
- RZ/Storz light cable connector
- World-wide power supply with active cooling
- Attractive 1.5 Kg light weight Design









300-900-150 230V HALOGEN light source 150W
300-900-151 110V HALOGEN light source 150W

Features:

- Halogene light source 150W with reflector technology
- RZ/Storz light cable connector
- Attractive 4.2 Kg light weight Design



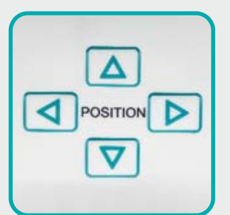
300-001-500 DEISy maxx High End Endoscopic Platform with Freeze, Zoom and Title generator (without Camera Head)

Upgrade your equipment for the future with the latest technology.
The Deisy Maxx produces true colours and precise details which ensure to have always an excellent imaging. This camera offers latest technologies and functions and therefore, perfectly meets the requirements for every
endoscopic operation.
The Deisy Maxx video processor produces unmatched endoscopic pictures and digitize it brilliantly e.g. to the iLUMEN Monitor.

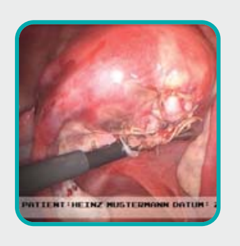
In this process all picture details are collected, improved, digitized and shown uncut on the monitor very clear.
The new high sensitive optical Sensors and the unique video processor guarantee ideal, well-matched components.
The features of this high visual medical camera system will lead you without exception to the top of endoscopic procedures.



Ergonomic camera head with Buttons.
Control of Zoom and Freeze function.
Lightweight camera head for effortless working.



Picture Control:
Position of the picture on the monitor changable



On-Screen-Text Display:
Enter Patient Data with optional Keyboard (eg. 300-001-185), capture screen and print for storage.



Picture Level Control:
Easy adjustment of the Brigthness and the Aperture. No hidden 'On screen Menu'.
Intuitve workflow. All functions visible for easy and fast handling even in difficult situations.



Features

- Enhanced image quality: true colours and precise details
- Excellent contrast and details
- Large magnification zoom up to 300%
- Easy picture level control of aperture and brightness. Optimum image for any surgical procedure
- Switchable anti glare/reflection function. Elimination of glare
- Picture position moveable
- On-screen text generator: enter patient data (with optional keyboard), annotate video prints and pictures
  OptionArbeitslänge: DAViD Software for a complete documentation, easy editing of recordings, patient management, and much more
- Improved ergonomics: lightweight, ergonomic camera head with buttons for fatigue-proofed working (only 3CCD version)
- Intuitive control, easy to operate. Simple front panel
- Minimal staff training
- All edited functions visible on the frontpanel for easy and relaxed handling even during difficult situations
- Safe, Durable and Easy to Maintain. Decontamination by immersion (camera head)
- Reliable, long-life connectors. No hidden recesses or bulky soaking caps
- No hidden extra charges



300-001-503
3CCD-Camera Head

300-001-504
1CCD-Camera head

Technical Data

HD/VD Frequency	15.625 kHz / 50Hz 15.743 kHz / 59,94Hz	
Aspect Ratio	4:3	
Video output	1 x Y/C (S-Video), 1 x Composite, VGA/RGB-CS	
Digital outputs (opt.)	USB	
Signal / Noise Ratio	> 46 dBp-p	
ImageSensor Ergo 3CCD	3 x 1/3"	
ImageSensor Ergo 1CCD	1 x 1/2" 10bit	
Video System	PAL	NTSC
Active Pixel	752 x 582	758 x 492
Resolution	470(H) x 420(V) Lines by S-Video and Composite 720 x 576 by VGA	470(H) x 350(V) Lines by S-Video and Composite 720 x 576 by VGA
Scanning Lines	625(1CCD), 850(3CCD)	525(1CCD) 800(3CCD)
Scan System	2:1 Interlaced	
Sync System	intern	

High-Speed-Shutter	max. 1/100.000 sec
White balance	automatic, storable
Illumination	Standard: 2.500 lux F8 (3.000K) Minimum: 3 lux / F 1.4 (AGC on)
Light source dependency	Suitable for Halogen and Xenon
Objective focal length	Variable with TV-Adapter standard f=28
Fuse	2 x T 2 A – 250V
Power consumption	20 W
Power Supply/Frequency	100-250 VAC ± 10% / 50/60 Hz
Weight	Control unit: 2,5 kg Camera head: 200g
Dimensions (HxWxD)	Control unit: 73 x 380 x 380 Camera head: (ØxL) 30 x 51 mm
Standard camera cable	3 m
Protection class	I
Classification	BF without function group with 1 Patient circuit
Test standard	IEC 601-1, IEC 601-1-2, MPG





300-001-810 RZ Full-HD 3CCD Camera

The RZ Full-HD 3-CCD video camera of the latest generation with excellent image quality in High Definition and outstanding natural colour reproduction for professional requirements.
The can be used for every endoscopic application with high demands. It is easy and flexible to use.

The camera can be adjusted individually via integrated On-Screen-Menu. Settings are stored in an internal memory. High speed, complete digital image processing, separated for red, green and blue colour channels, enables high end image quality.

Features:

- high image quality with progressive scan
- digital zoom
- freeze function
- remote camera head
- character generator
- multilingual menu
- stand by function
- manual and automatic shutter / exposure



300-001-815
TV-adapter for RZ HD 3-Chip camera, f=28.0 mm, C-Mount, soakable

Technical data

Video system		progressive scan with 50 or 60 Hz
CCD sensor		3 x 1/3 CCD
Video resolution		>1000 TV-lines horizontal
Aspect Ratio		16:9
S/N		54 dB
Resolution		Full HD 1920x1080 pixel
Minimal subjective sensitivity		< 3lx
Outputs	Digital out:	2 x HD SDI 1 x HDMI / 2 x DVI-D
	Analog out:	1 x YPbPr / RGB 1 x Y/C (Pal / NTSC) 1 x CVBS (Pal / NTSC)

Settings	On-Screen-Menu 3 User setting storable
Power supply	100-240 VAC
Dimensions (WxHxD)	CCU 353 x 103 x 253 mm Head 77 x 54 x 39,5 mm
Weight	CCU 4,7 kg Head 168 g
Head	C-Mount thread, immersable two push-buttons for remote high flexible cable: 4 meter
Class / Type	1 / BF
Manufactured and tested acc.	IEC 601-1 / CE EN 60601-1 93/42 ECC





300-002-100 BasiCam 110-230V/PAL
300-002-110 BasiCam 110-230V/NTSC

consisting of:
1 Control Unit
1 Camera head with 3.0 m cable
1 BNC-BNC cable

The RZ BasiCam is a waterproofed 1-Chip camera. The camera is mainly suitable for the diagnostic in Urology and Gynaecology.
Features:

- excellent price/performance Ratio
- costefficient 1-Chip camera
- approved colour
- user-friendly camera, handling is very easy without any complicated adjustments
- desinfection by immersion (camera head)
- can be used for Xenon as well as for Halogen light sources

Technical data

TV-System	NTSC/PAL
Image sensor	Interline transfer -1/3"
Active pixel	758 (H) x 492 (V)/752 (H) x 582 (V)
Active image area	4,8 (H) x 3,7 (V) mm (equivalent to 1/3”)
Scanning lines	525/625
Scanning system	2:1 interlaced
Sync system	Internal
Scanning frequency (H)	15.743 kHz/ 15.625 kHz
Scanning frequency (V)	59,94 Hz/50 Hz
Aspect ratio	4:3
Illumination	Standard 2.500 lux F8 (3.000K) Minimum 3 lux/F 1.4 (AGC on)
Video output	1 x FBAS
Resolution (H)	470 NTSC/470 PAL
Resolution (V)	350 NTSC/430 PAL
Signal/Noise ratio	> 46 dBp-p
High-Speed-Shutter	Automatic Shutter max. Shutter Speed 1/100.000 sec.

White balance	manual White Balance by color shift
Power supply	100-250V AC ± 5%
Frequency	60 Hz/50
Power consumption	15 W max.
Fuse	2 x T 1A /250V
Weight	Control unit 3500 g Camera head 150 g
Dimensions (HxWxD)	Control unit 70 x 330 x 280 mm Camera head (WxL) 34 x 75 mm
Standard cable	3 m
Light source dependency	Suitable for Halogen, Xenon,
Protection class	I
Classification	BF without function group with 1 Patient circuit
Test standard	IEC 601-1, IEC 601-1-2, MPG



FULL COMPLEMENT OF HEAD CONFIGURATIONS



250-018-050 Zoom parfocal
Stays in focus while adjusting zoom magnification
f=18-50 mm, c-mount, soakable, Full HD



Direct Coupler, C-Mount, soakable, Full HD
(lens with fixed focal distance)

250-025-023	F=23mm
250-025-025	F=25mm
250-025-028	F=28mm
250-025-035	F=35mm

FULL HD



Angled 90°, with swivel and fixation, c-mount, soakable, Full HD

250-022-025	F=25mm
250-022-030	F=30mm



Beamsplitter, allows simultaneous video and direct views, c-mount, soakable, Full HD

on request	F=18mm (splitting 90/10)
250-020-025	F=25mm (splitting 90/10)
250-020-030	F=30mm (splitting 90/10)



300-001-408 C-Mount



300-001-409 Quick-coupling





The **RZ iLumen Endovue** offers a high definition interface (HDTV) featuring high brightness, high resolution, exceptional contrast, and true color reproduction with unsurpassed visual quality. The RZ iLumen delivers the key advantages of the series from RZ in environments where only video- based images are required. Multiple sizes and high flexibility make it ideal for a wide variety of surgical and other applications.

High Definition Imaging, Superior Clarity, Consistency, Quality, Fastest Response time (10-16ms), Widest Viewing Angle, Widest colour Gamut, Programmable User and Modality Preferences, Re-Drive Capability Enables Image Viewing on Multiple Displays, Video-Switching with Serial Port Interface, Save low Voltage 24 VDC Remote Power, Compact and lightweight.

Model / Type	300-001-145	300-001-149	300-001-146
Size	15" / 12.0x9.0 inches	19" / 14.8x11.9 inches	24" / 20.4 x 12.8 inches
Resolution	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1920 x 1200 (WUXGA)
Signal Input	S-Video, Composite, RGBS		DVI, HD-SDI, HD-RGBS, RGBS, HD-YPbPr / YPbPr, VGA, S-Video, Composite
Viewing angle	178°		
LCD Panel	TFT Active Matrix		



The **RZ HD iLumen RADIANCE** surgical flat panel display is the worldwide LCD monitor of choice for surgeons and operating temas. Its superior HDTV capabilities including HD – SDI and YPbPr – and sophisticated signal processing produce sharp, accurate, true and very bright images.
The RZ iLumen is the only medical- grade flat panel for simultaneous use as a Radiology, Fluoroscopy, Physiology, and/or minimally Invasive Surgery display.

Full HD and Digital Capable, Full Range of Analog Surgical Inputs, DICOM Response DVI Input for PACS, Fingertip/Footswitch Instant Remote Switching between sources, High Resolution, High Bright LCD with Wide Viewing Angle, Fully Compliant Medical Grade, FDA, UL and CE Approved, Re- Drive Capability Enables Image Viewing on Multiple Display, Traditional 4:3 Aspect Ratio, Surgeon- Specific User Selectable Settings.

Model / Type	300-010-219	300-010-226	300-010-232
Size	19" / 14.8x11.9 inches	26" / 22.7x12.7 inches	32" / 27.5x15.4 inches
Resolution	1280x1024 (SXGA)	1920x1200 (WUXGA)	1366x768 (WXGA)
Signal Input	SDI, HD-SDI, RGBS, YPbPr, SVideo, Composite, DVI, VGA	SDI, HD-SDI, RGBS, YPbPr, S-Video, Composite, DVI, VGA	SDI, HD-SDI, RGBS, YPbPr, S-Video, Composite, DVI, VGA
Viewing angle	170°	178°	178°
LCD Panel	A SI TFT Active Matrix		



DAViD instinctive diagnostic & record central data software

Software system for the collecting and archiving of video findings in the medical field based on state-of-the-art PC technology Windows VISTA / XP, DirectX, DV digital Video – device independent

Multilingual
English, French, German, Italian, Russian, Spanish

Intuitive
dialog-oriented user interface for smooth integration into everyday practice

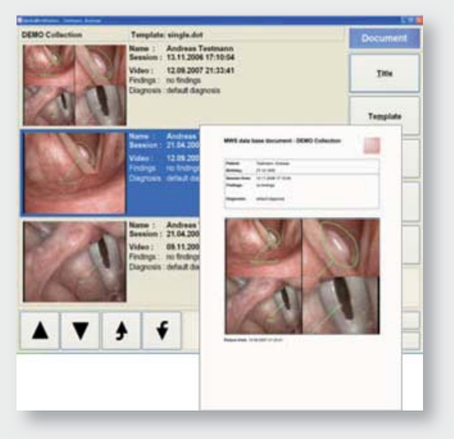
Ready for network
one point data storage and simultaneously video recordings

Integrated license module
after a demo period of 30 days the software needs to be activated via an activation key

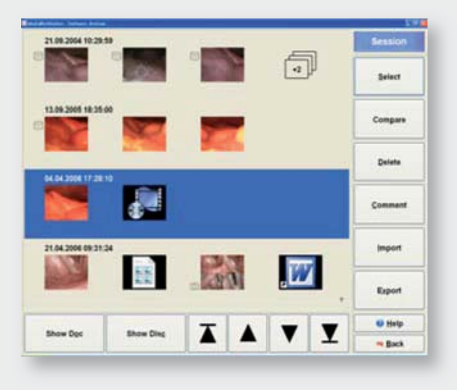
300-001-190	Software, full Version
300-001-192	Software, without recording possibilities



Diagnostics & Results
- high video and freeze image quality / natural reproduction of motion sequences
- Multiple-split display during recording and playing
- automatic optimization of stroboscopic recordings
- recording controllable by foot or camera switch
- simple-to-use video cut function
- integrated database of findings and diagnoses allows quick workflow
- **integrated On-Screen-Keyboard for touch screen displays**



Recordings & Documentation
- graphics marks for emphasizing of findings
- MPEG2 video export with optional overlay of patient data and session comments
- integrated CD/DVD recording
- image export in the DICOM format
- Compare-function for videos and pictures
- automatic creation of diagnostic letters in MS Word format with freely definable document templates
- textual export of patient and diagnostic data for passing on and statistical evaluations



Management
- patient data is stored in structured database
- automatic assignment of videos, findings, diagnoses and comments to patients and data sets
- search and edit functions
- drag'n'drop import of pictures and documents
- native support for MediCapture USB sticks
- data exchange with other systems via remote interface
- user management for controlling access and edit rights



High Temperature XENON Light Cables

The advanced High Temperature Xenon Light cables feature a built-in glass rod on the light source side to protect the fibers from melting when the cables are used with high-power Xenon light sources.

All 3.5 mm and 4.8 mm light cables feature a robust silicone hose to protect the light cables against damages like cuts or crushes.

A bending protection on the connectors is a basic feature of every RZ High Temperature Xenon Light cable.



XENON light guide, without adaptor pieces

250-035-180	Ø 3.5 mm, 1800 mm
250-035-230	Ø 3.5 mm, 2300 mm
250-035-300	Ø 3.5 mm, 3000 mm
250-048-180	Ø 4.8 mm, 1800 mm
250-048-230	Ø 4.8 mm, 2300 mm
250-048-300	Ø 4.8 mm, 3000 mm

3.5 mm and 4.8 mm fiber optic

Adaptor pieces for fibre light guide to use with **light source**

250-039-000	RZ/Storz
250-037-000	Wolf
250-038-000	ACMI/British Standard CUDA
250-044-000	Olympus
250-048-000	Luxtec
250-045-000	Olympus - Standard
250-051-000	Stryker
250-052-000	Heine
250-059-000	Pentax

Adaptor pieces for fibre light guide to use with **endoscope**

250-042-000	RZ/Storz/Olympus
250-040-000	Wolf
250-041-000	ACMI/British Standard





PRACTICAL, HANDY, VERSATILE

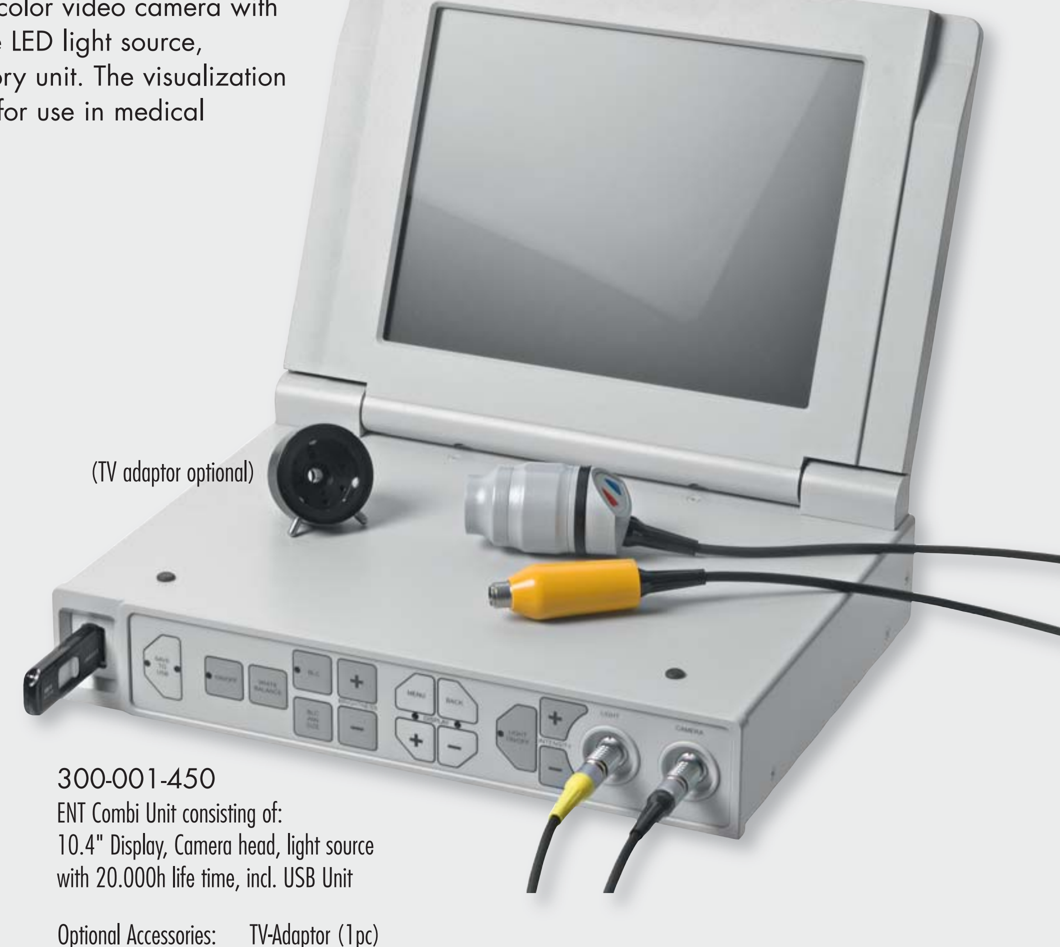
The visualization system is a combined light source-camera display unit. This consists of a color video camera with remote camera head, a remote LED light source, integrated LCD and USB memory unit. The visualization system is intended specifically for use in medical endoscopy and diagnostics.



Bright LED light source with 20.000h life time, no external light source is needed



Also available: Built-In-Keyboard-Version (300-001-455)



(TV adaptor optional)

300-001-450

ENT Combi Unit consisting of:
10.4" Display, Camera head, light source with 20.000h life time, incl. USB Unit

Optional Accessories: TV-Adaptor (1pc)
Fuses (10 pc)

Compatible Rino-Pharyngoscopes



100-500-310

(for diagnostic purposes)

Rhino-Pharyngoscope 8000 Pixels
30.0cm, 3.2 mm Diameter
minimal bending radius 30 mm
Accessories (included):

- Leakage tester
- Connection tube for leakage tester
- Manual

100-500-380

(for diagnostic purposes)

Rhino-Pharyngoscope 12.000 Pixels
30.0 cm, outer sheath: 3.8 mm Diameter
minimal bending radius 30 mm
Accessories (included):

- Leakage tester
- Connection tube for leakage tester
- Manual

100-500-385

(for diagnostic purposes and small procedures)

Rhino-Pharyngoscope with working channel 1,4mm outer diameter 4mm, working length 320 mm angulation up/down 130°, field of view 80°, depth of focus 1-50mm, complete set including:

- ETO-sealing cap
- Leakage tester,
- Adaptor storz/olympus
- Adaptor wolf
- Biopsy-forceps 1,0mm x 800mm
- Cap for working channel
- Cleaning brush 1,5mm x1100mm



Instruments and Equipment for Otology



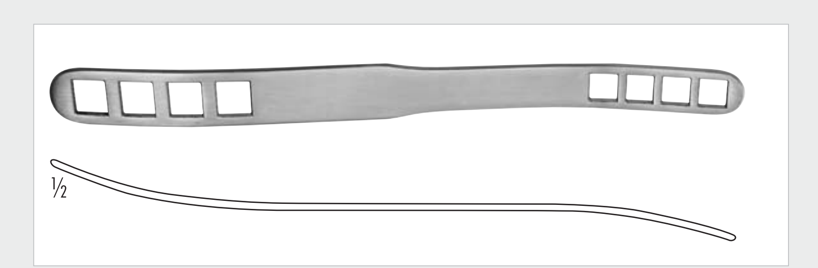


430-361-190
BUCHWALD
Zungenspatel, 180 mm
Tongue depressor, 7 inch

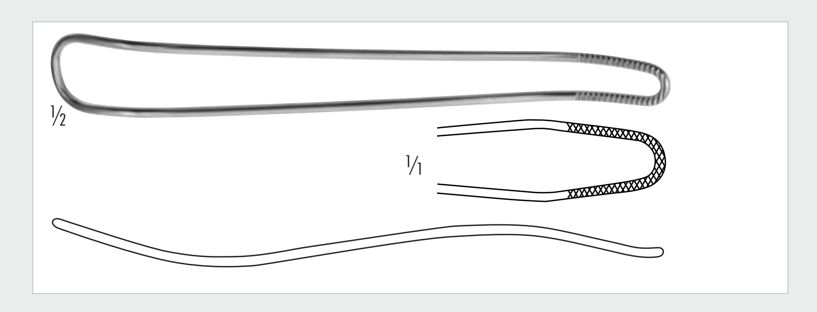


430-362-170
MAYO
Zungenspatel, 170 mm
Tongue depressor, 6 ⅔ inch

430-363-170
MAYO
Zungendrücker, s-gebogen, 19 / 23 mm breit, 150 mm
Tongue depressor, s-curved 19 / 23 mm wide, 6 ⅔ inch



430-385-190
BRUENINGS
Zungenspatel, 190 mm
Tongue depressor, 7 ½ inch



430-396-165
FRENZEL
Zungenspatel, 165 mm
Tongue depressor, 6 ½ inch

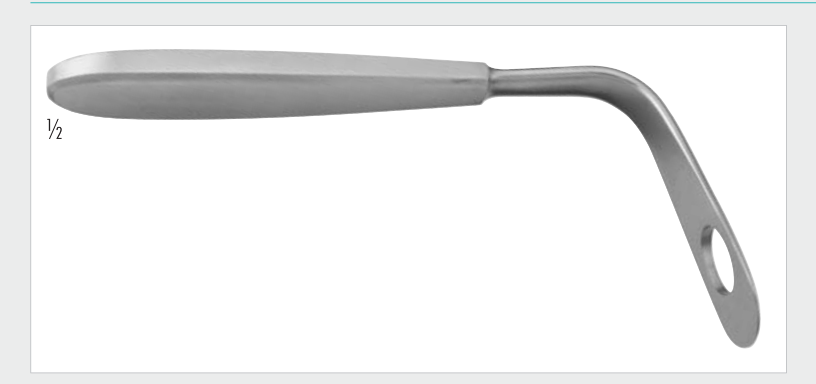


430-518-150 18 mm breit/18 mm wide
430-520-150 20 mm breit/20 mm wide
430-522-150 22 mm breit/22 mm wide
LOVE
Zäpfchen Retraktor, 150 mm
Uvula retractor, 6 inch

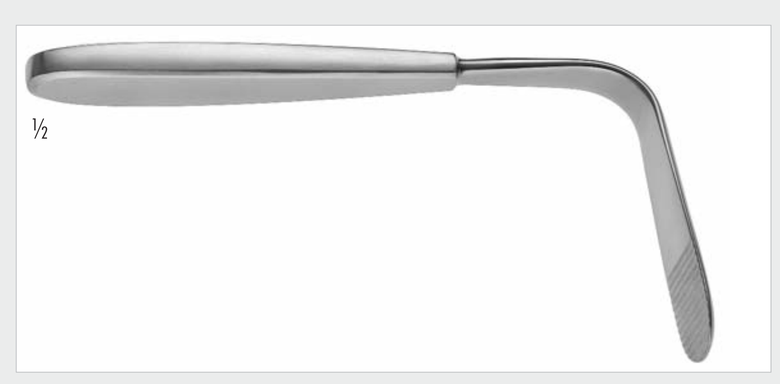


430-397-190
MORITZ-SCHMIDT
Zungenspatel, 190 mm
Tongue depressor, 7 ½ inch





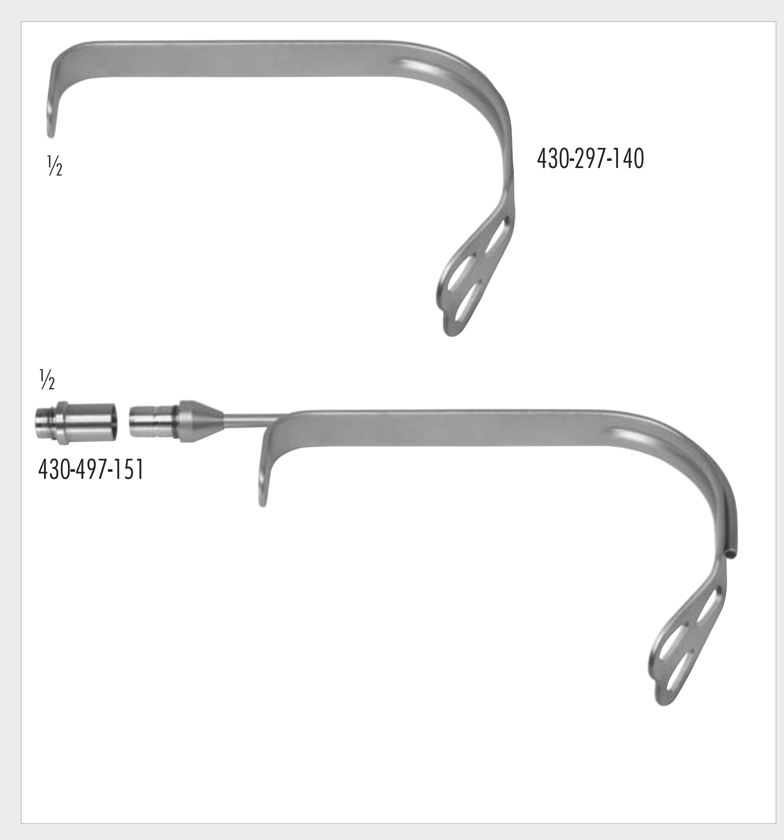
430-298-100
BOSWORTH
Zungendrücker, 145 mm
Tongue depressor, 5 ½ inch



430-349-145
TOBOLD
Zungendrücker, 145 mm
Tongue depressor, 5 ½ inch



430-271-150
HARTMANN
Zungenspatel mit Gittergriff, 150 mm
Tongue depressor with fenestrated handle, 6 inch



430-297-140 30 mm breites Blatt/30 mm wide blade
430-297-150 36 mm breites Blatt/36 mm wide blade
WIEDER
Zungenspatel, gefenstertes Blatt, feine Zahnung, 125 mm
Tongue depressor, fenestrated blade, fine serration, 5 inch

430-497-141 30 mm breites Blatt/30 mm wide blade
430-497-151 36 mm breites Blatt/36 mm wide blade
SCULPO
Dito, **mit Kaltlicht**, 125mm
Same, **with Fiber Optic**, 5 inch





430-350-005 55mm
430-350-007 70mm
430-350-009 90mm
430-350-010 100mm

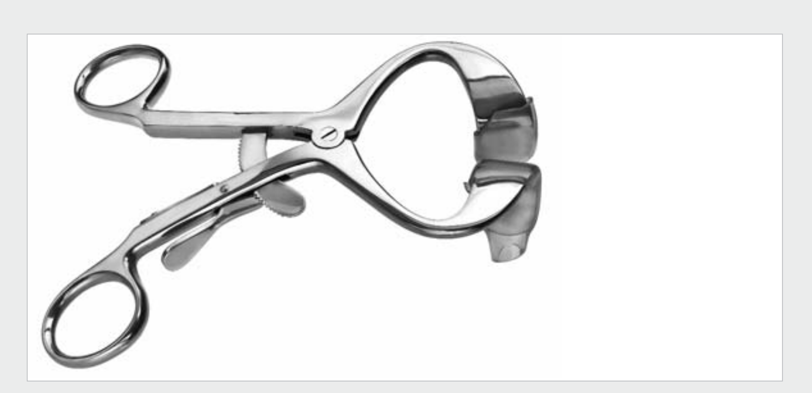
STIERLEN
Zungendrücker
Tongue Depressor



430-150-130
HEISTER
Mundsperrer, 130 mm
Mouth gags, 5 ⅛ inch



430-140-110
DOYEN-JANSEN (MOLT)
Mundsperrer, 120 mm
Mouth gags, 4 ¾ inch



430-140-140
DOYEN-JANSEN (MOLT)
Mundsperrer, 140 mm
Mouth gags, 5 ½ inch





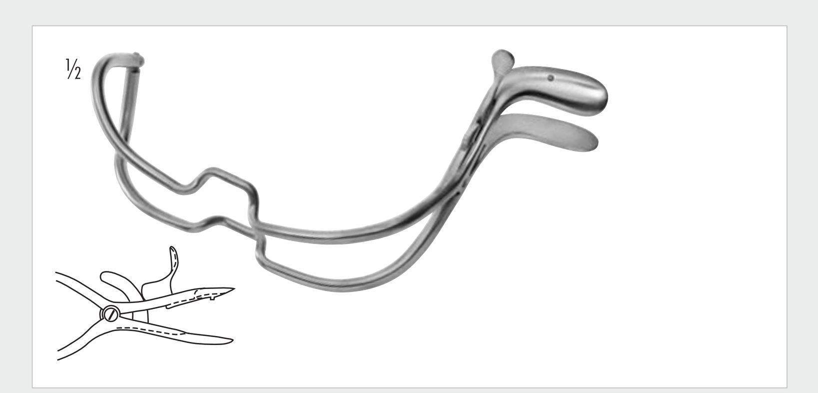
430-145-145
FERGUSON-ACKLAND
Mundsperrer, 145 mm
Mouth gags, 5 ¾ inch



430-142-120
DENHARDT
Mundsperrer, mit Einsätzen aus Silikon, auswechselbar, 120 mm
Mouth gags, with silicone inserts, interchangeable, 4 ¾ inch



430-144-160 160 mm/6 ¼ inch
430-144-190 190 mm/7 ¼ inch
ROSER-KÖNIG
Mundsperrer
Mouth gags



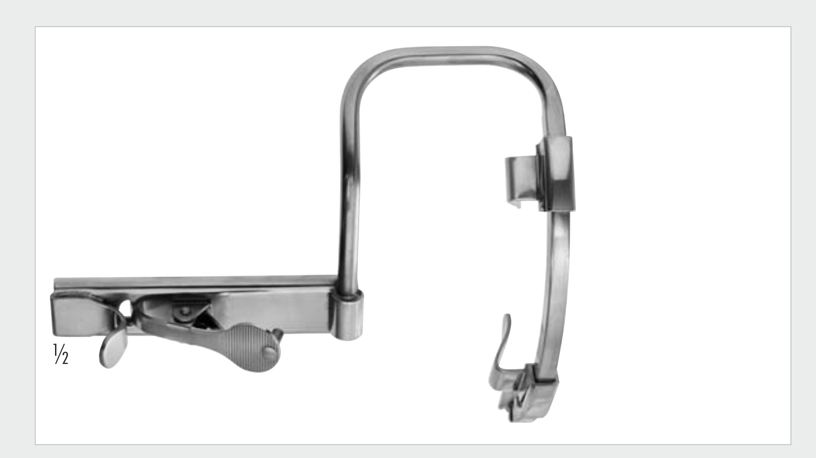
430-250-090 90 mm , 3 ½ inch
430-250-110 110 mm , 4 ½ inch
430-250-130 130 mm , 5 inch
430-250-150 150 mm , 6 inch
JENNINGS
Mundsperrer
Mouth gags





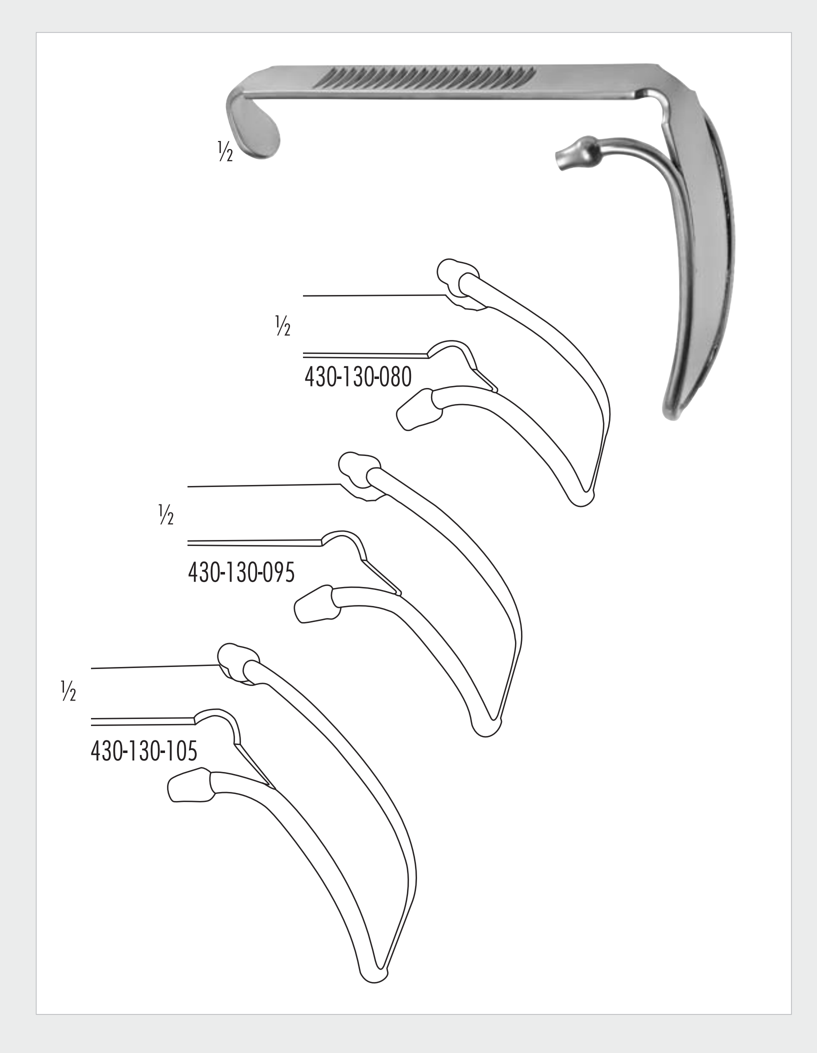
430-261-090	90 mm , 3 ½ inch
430-261-110	110 mm , 4 ½ inch
430-261-130	130 mm , 5 inch
430-261-150	150 mm , 6 inch

WHITEHEAD
Mundsperrer
Mouth gags



430-130-500
DAVIS-MEYER
Mundsperrer, Bügel allein, mit 2 Einzelgebißplatten und 1 Doppelgebißplatte mit auswechselbaren Silikoneinlagen, passend für alle Zungenspatel
Mouth gags, frame only, with 2 single bites and one double bite, with interchangeable silicone inserts, suitable for all tongue depressors

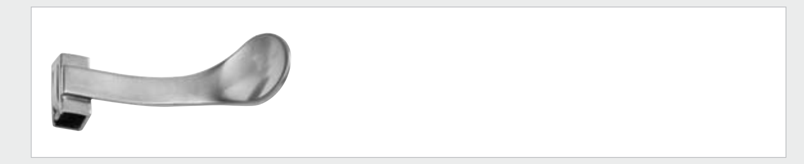
430-130-550
Silikoneinlagen allein
Silicone insert only



430-130-070	29 x 70 mm
430-130-075	30 x 75 mm
430-130-080	31 x 80 mm
430-130-085	32 x 85 mm
430-130-095	33 x 95 mm
430-130-100	34 x 100 mm
430-130-105	34 x 105 mm

DAVIS-MEYER
Zungenspatel, allein, mit Schlauchgarnitur
Tongue blade only, with tubing set for anaesthesia channel





430-130-560

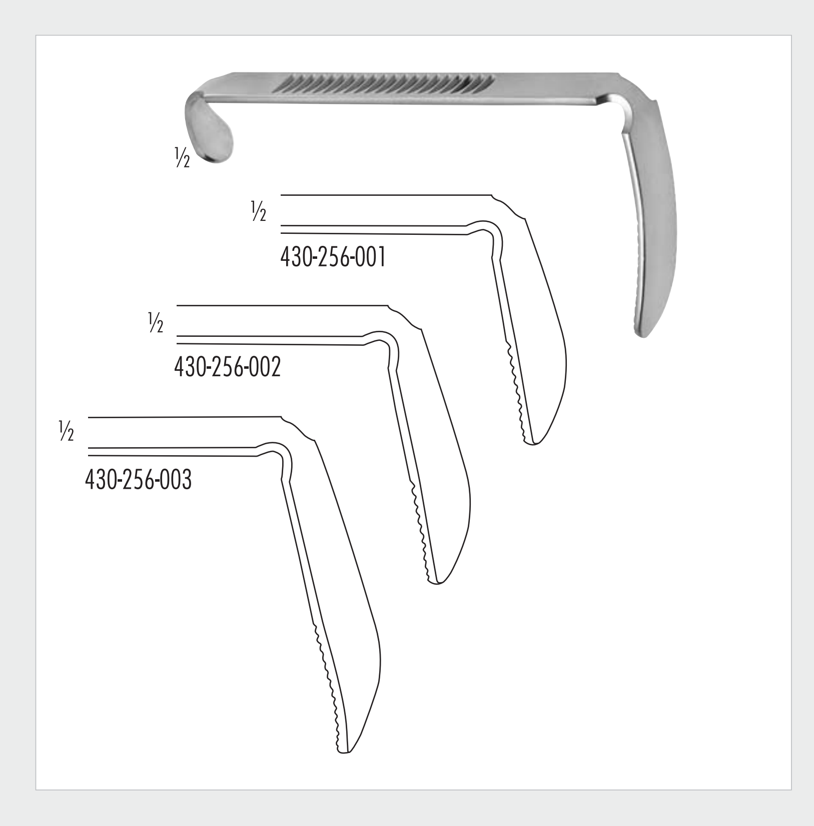
Gaumenplatte zu Bügel 430-130-500, für zahnlose Patienten
Palate blade to be used with 430-130-500, for toothless patients



430-256-010

MC IVOR

Mundsperrer Bügel, allein
Mouth gags frame, only

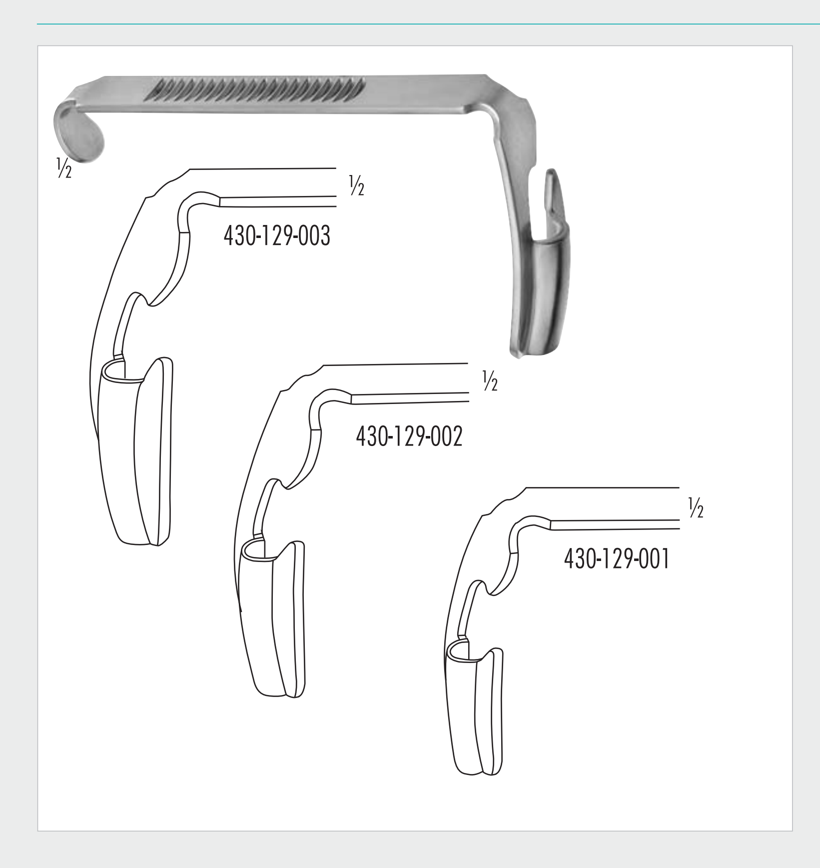


430-256-001	23 x 70 mm
430-256-002	25 x 86 mm
430-256-003	26 x 100 mm

MC IVOR

Zungenspatel, allein
Tongue blade, only

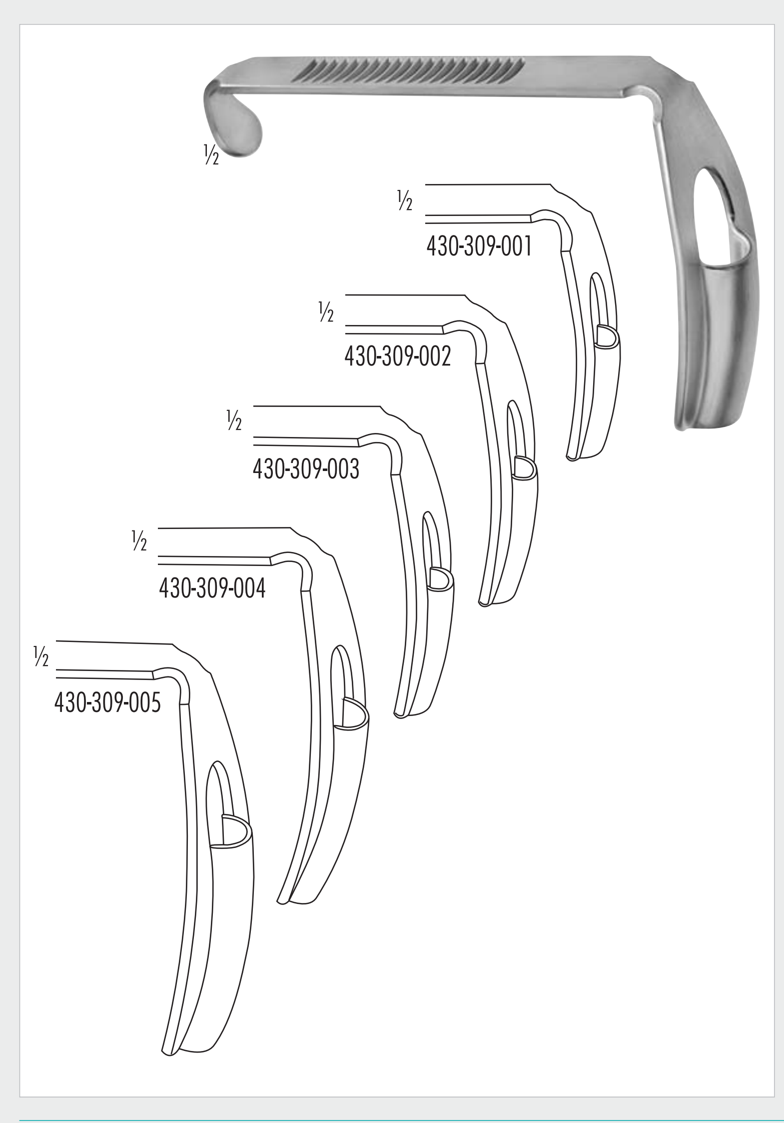




430-129-001 28 x 65 mm
430-129-002 32 x 75 mm
430-129-003 37 x 80 mm

RZ

Zungenspatel, allein, mit Mittelrinne für Intubationstubus und seitlichem Einschnitt
Tongue blade only, with groove for endotracheal tube and lateral slot

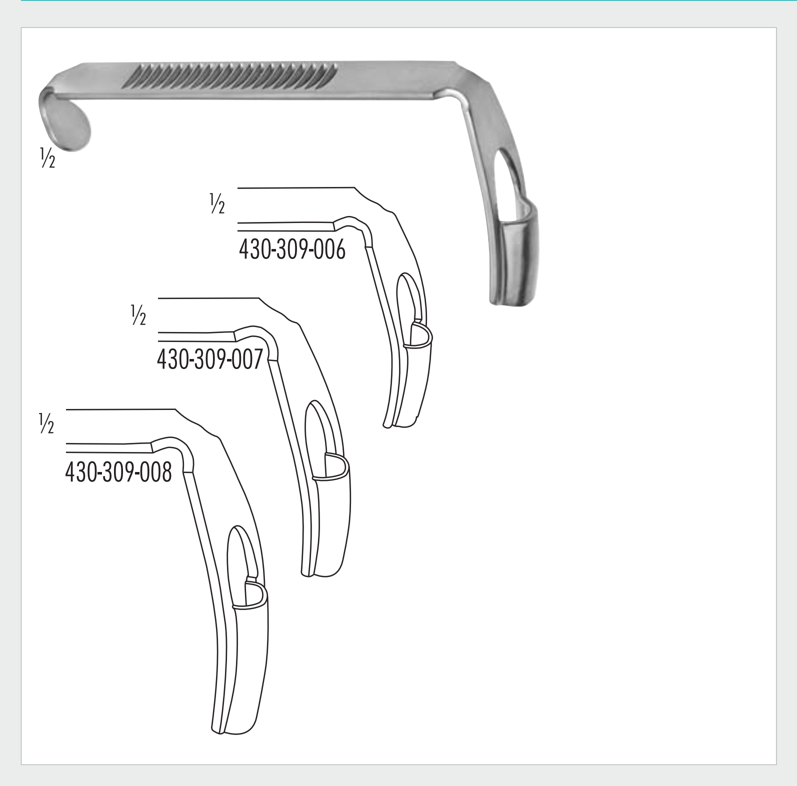


430-309-001 28 x 65 mm
430-309-002 32 x 75 mm
430-309-003 37 x 80 mm
430-309-004 41 x 94 mm
430-309-005 46 x 103 mm

RUSSEL-DAVIS

Zungenspatel, mit Mittelrinne für Intubationstubus
Tongue blade, with groove for the endotracheal tube



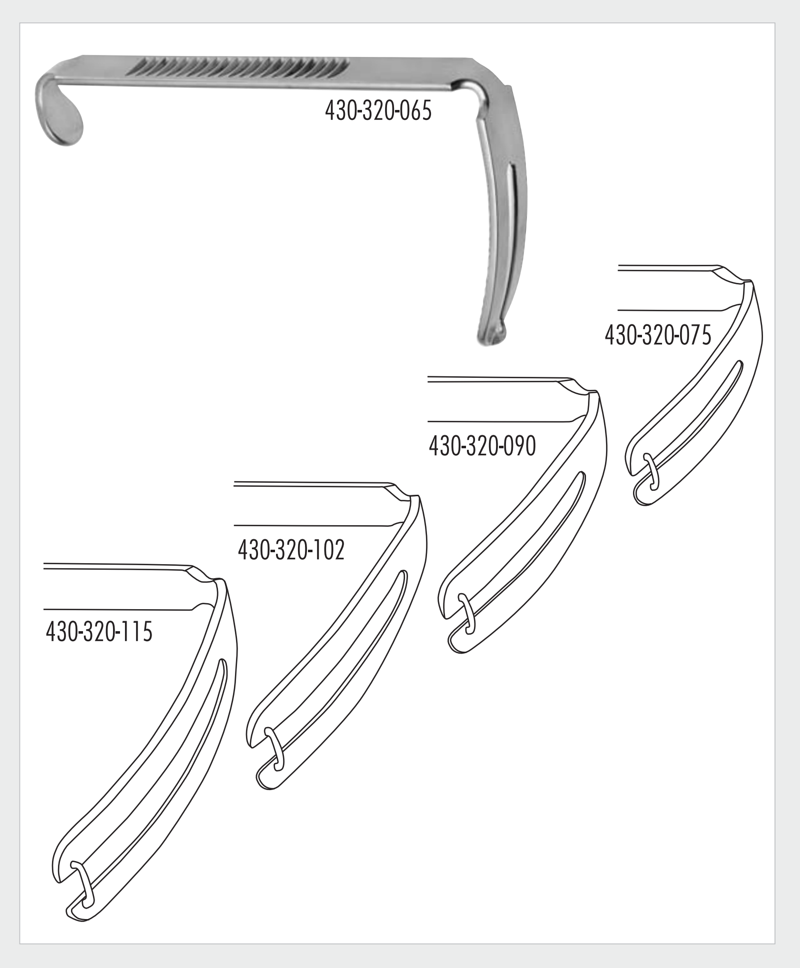


430-309-006 18 x 57 mm
430-309-007 22 x 67 mm
430-309-008 25 x 75 mm

RUSSEL-DAVIS

Zungenspatel allein, extra schmales Modell, mit Mittelrinne für Intubationstubus

Tongue blade, very narrow pattern, with groove for endotracheal tube



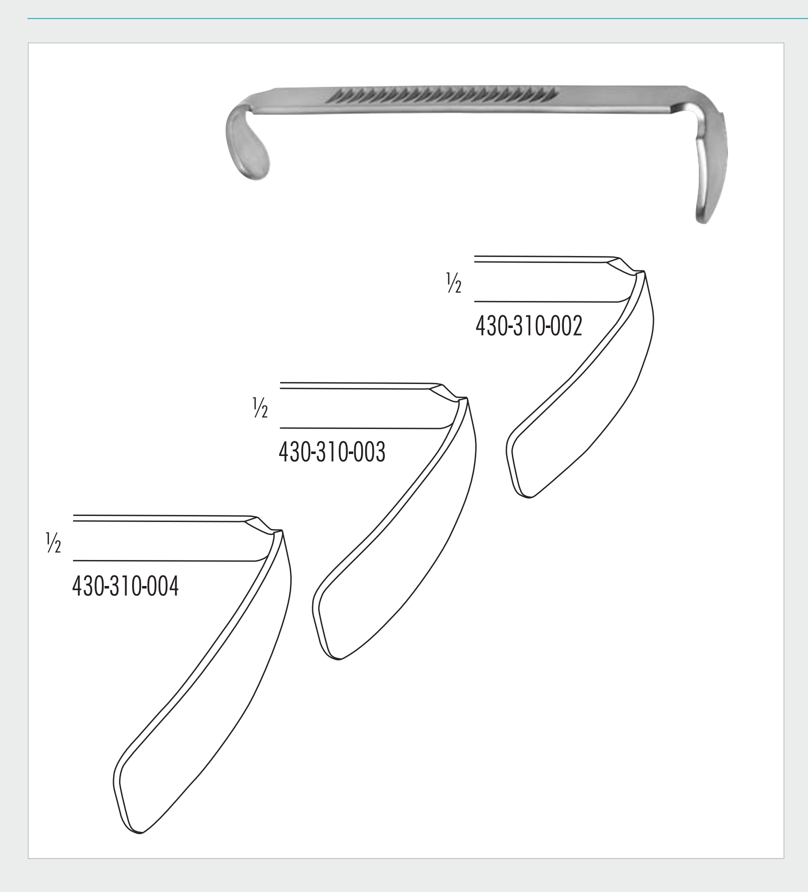
430-320-065 23 x 65 mm
430-320-075 24 x 80 mm
430-320-090 25 x 93 mm
430-320-102 26 x 108 mm
430-320-115 26 x 114 mm

DOUGHTY

Zungenspatel, mit Mittelrinne für Intubationstubus zur Verwendung mit Davis-Boyle Rahmen

Tongue blade, with slot for endotracheal tubes for use with Davis-Boyle frames





430-310-001	65 mm
430-310-002	75 mm
430-310-003	90 mm
430-310-004	102 mm

DAVIS-BOYLE
Zungenspatel, allein
Tongue blade, only



430-315-000
KILNER-DOUGHTY
Mundsperrer, links, mit 3 auswechselb. Blättern #1 bis #3
Mouth gag complete, left with 3 interchang. tongue blades #1 to #3

430-315-010
KILNER-DOUGHTY
Mundsperrer, allein
Mouth gag spreader, only

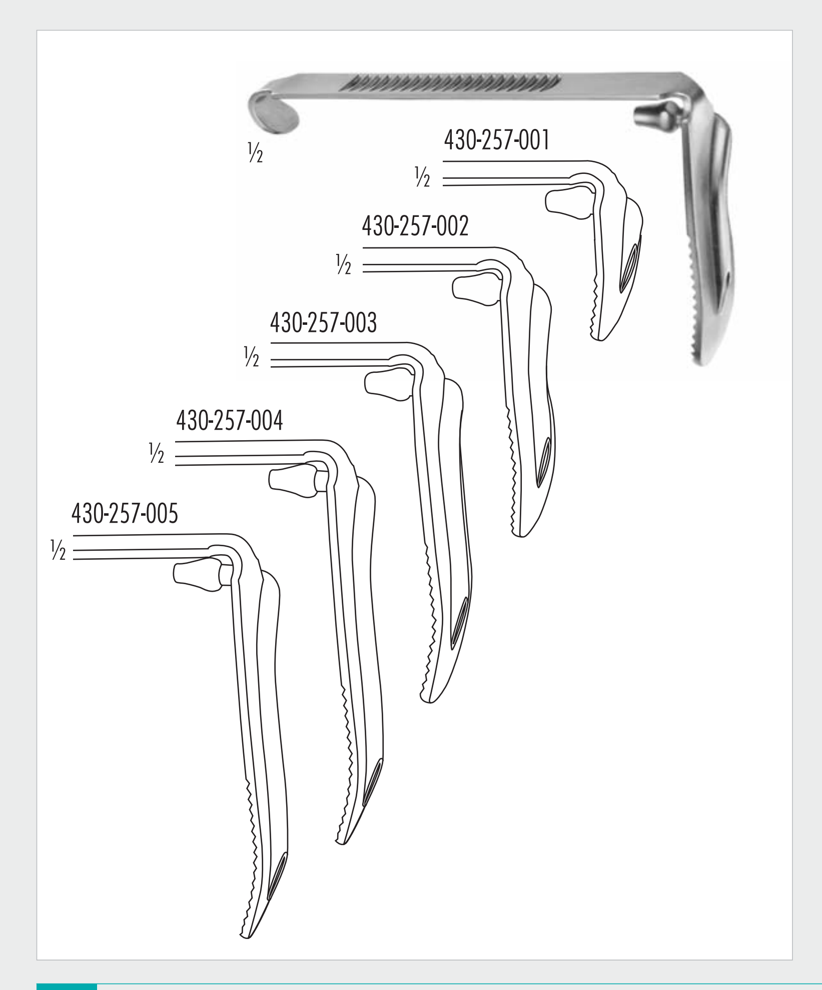
430-315-001	28 x 65 mm
430-315-002	32 x 75 mm
430-315-003	37 x 80 mm

KILNER-DOUGHTY
Zungenspatel, alleine
Tongue blade, only





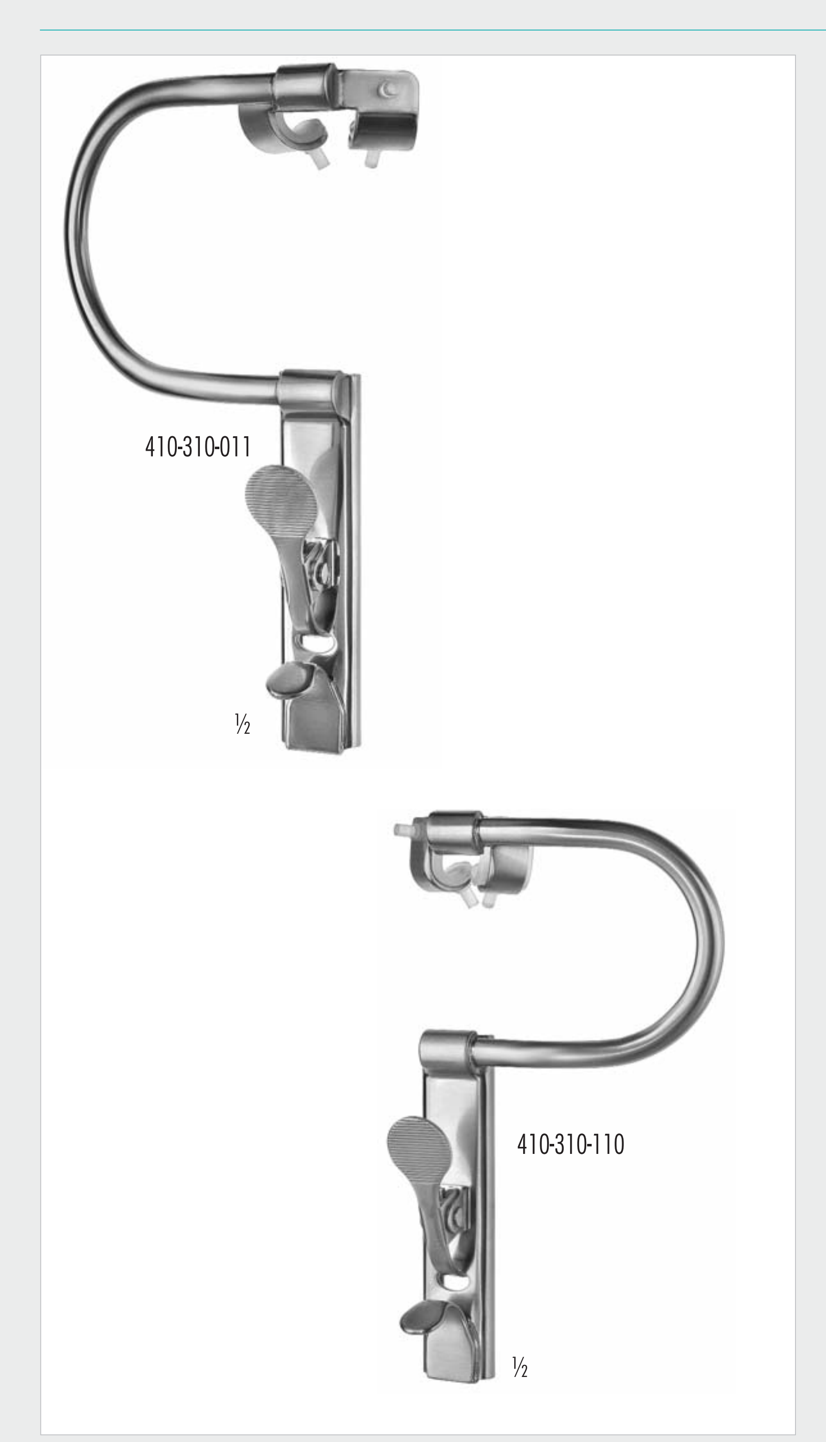
430-310-000
DAVIS-BOYLE
Mundsperrer, mit 5 Blättern, Erwachsene
Mouth gag complete, with 5 blades, adult



430-257-001	21 x 30 mm
430-257-002	23 x 65 mm
430-257-003	24 x 80 mm
430-257-004	25 x 93 mm
430-257-005	26 x 108 mm

DAVIS-BOYLE
Zungenspatel, allein, mit Intubationsrohr
Tongue blade, only, with anaesthesia channel





430-310-010 Rahmen links/frame left
430-310-011 Rahmen rechts/frame right

DAVIS-BOYLE

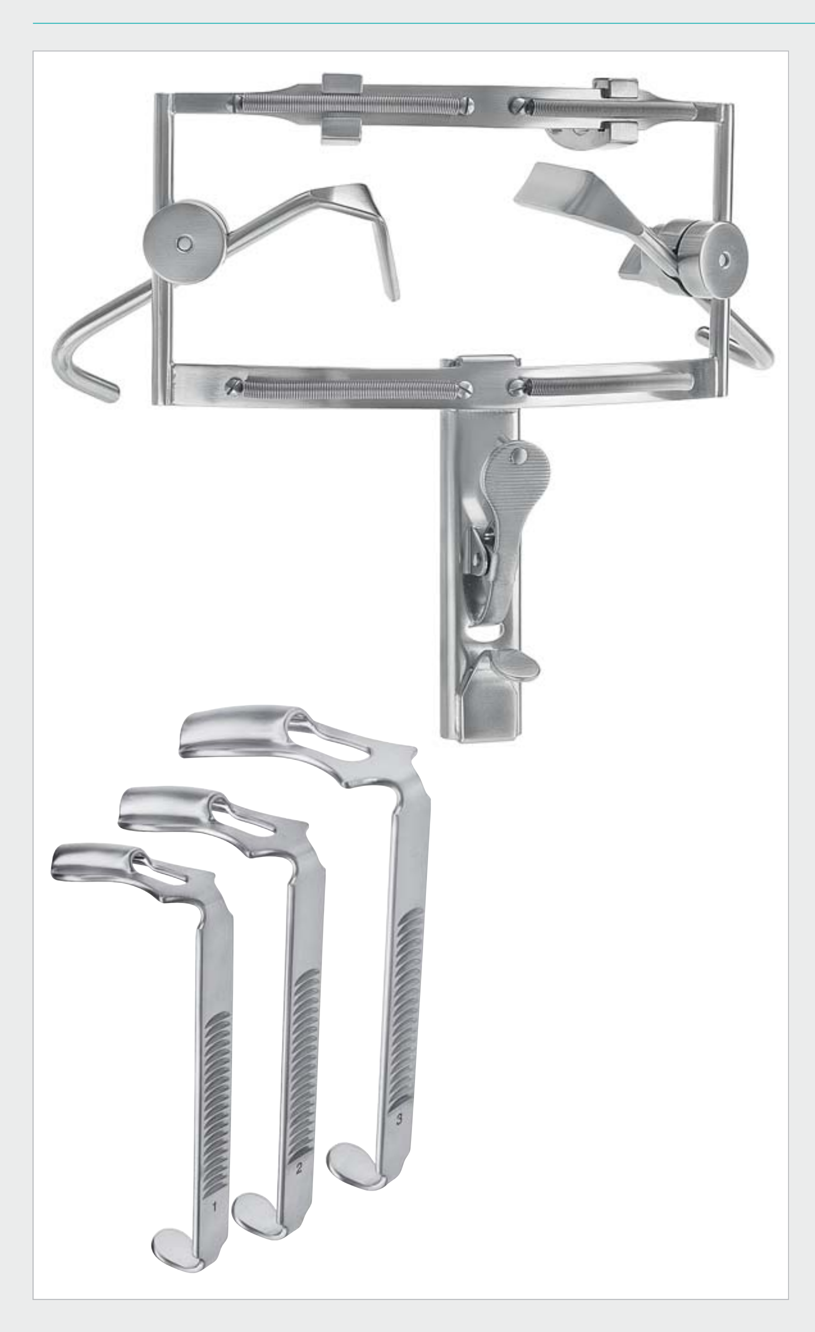
Mundsperrer, für Erwachsene
Mouth gag, for adult

430-310-110

DAVIS-BOYLE

Mundsperrer, Rahmen für Kinder
Mouth gag, frame for children





430-327-000
DINGMANN
Mundsperrer mit Zubehör mit Blatt-Nr.1, 2, 3
Mouth gag complete with accessories, blade #1, 2 and 3

430-327-004
DINGMANN
Mundsperrer, allein
Mouth gag, only

430-327-001 24 x 62 mm
430-327-002 28 x 65 mm
430-327-003 31 x 75 mm
DINGMANN
Zungenspatel, allein
Tongue blande, only





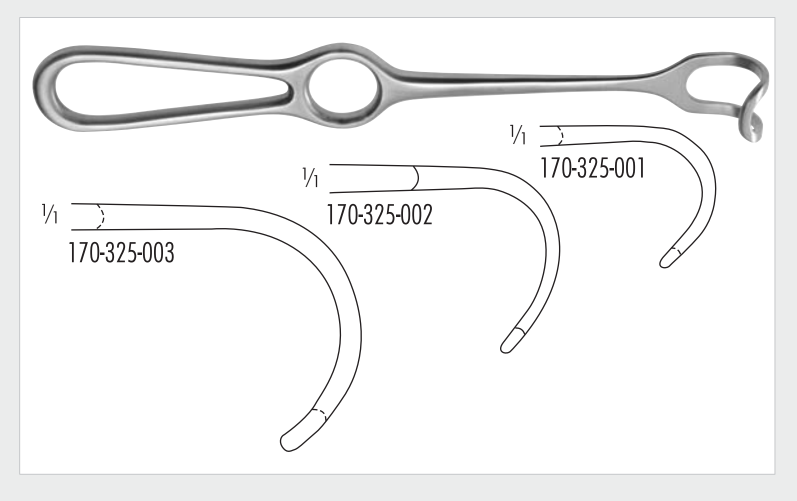
430-355-000
DRAFFIN
Mundsperrer Halter komplett: 2 Stützstangen + Grundplatte
für Mundsperrer-Aufhängung
Holder for mouth gag, complete: 2 bars + plate, for mouth gag fixation

430-355-001
Stützstange/Bar

430-355-002
Grundplatte/Magauran Plate



430-320-000
NEGUS
Bruststütze, zur Verwendung mit Zungenspatel und Mundsperrer
Chest support, for use with tongue blade and mouth gag



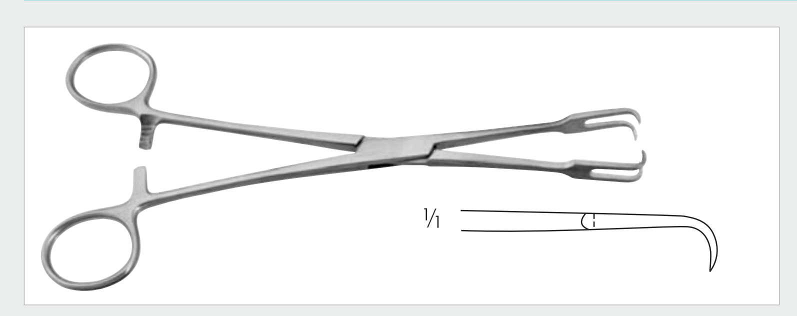
170-325-001	14 x 17 mm, 215 mm , 8 ¾ inch
170-325-002	20 x 22 mm, 220 mm , 8 ½ inch
170-325-003	26 x 30 mm, 235 mm , 9 ¼ inch

MIDDELDORPF
Wangenhalter
Cheek retractor

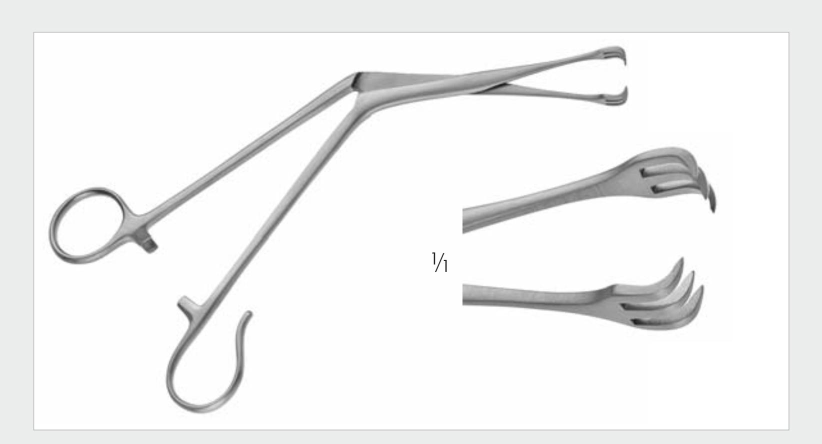


440-225-222
GREENE
Thyroid Retraktor, 17x25 mm, gefenstert, 220mm
Thyroid retractor, 17x25 mm, fenestrated, 8 3/4 inch





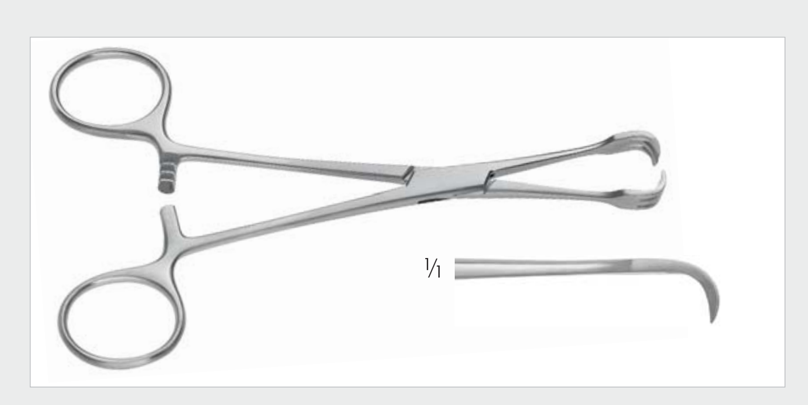
140-602-200
MUSEUX
Tonsillenenfaßzange, 2x2 Zähne, 200 mm
Tonsil holding forceps, 2x2 teeth, 8 inch



430-631-002
TIVNEN-TYDING
Tonsillenenfaßzange, 3x3 Zähne, 1 offener Ring, 210 mm
Tonsil seizing forceps, 3x3 teeth, 1 open ring, 8¼ inch

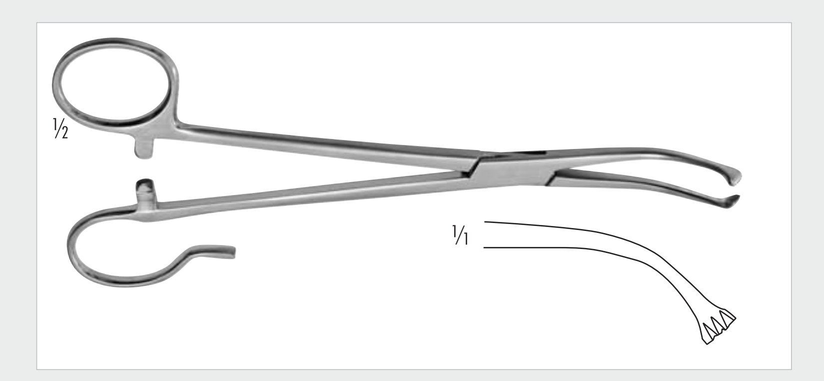


420-427-200
DENIS-BROWNE
Tonsillenklemme, 10mm, 200mm
Tonsil holding Forceps, 10mm, 8 inch

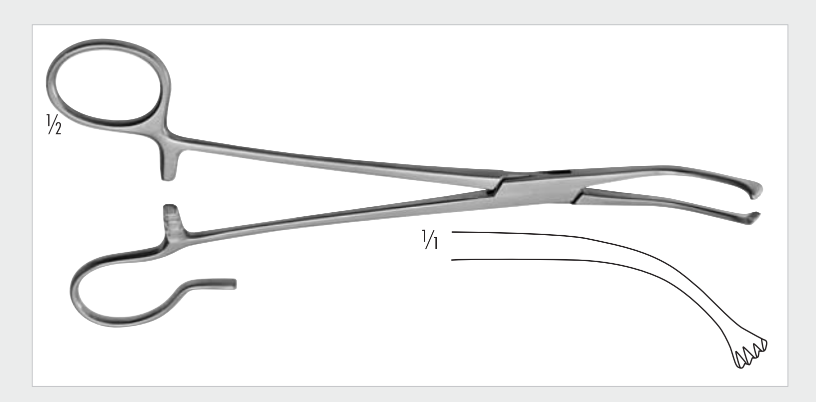


440-030-150 150mm, 6 inch
440-030-200 200mm, 7 ¾ inch
LAHEY
Kropffaßzange
Goitre Seizing forceps

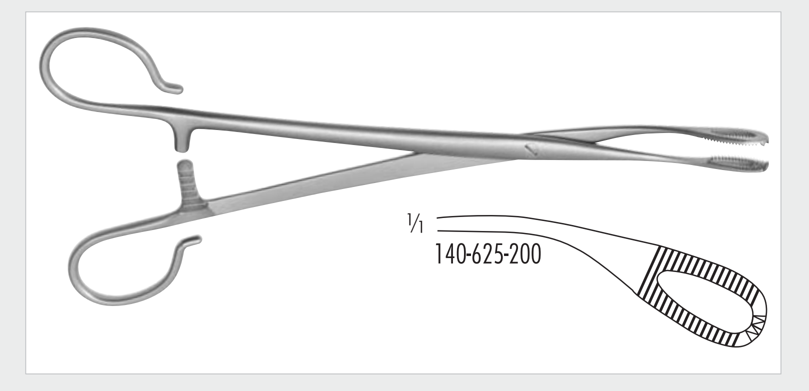




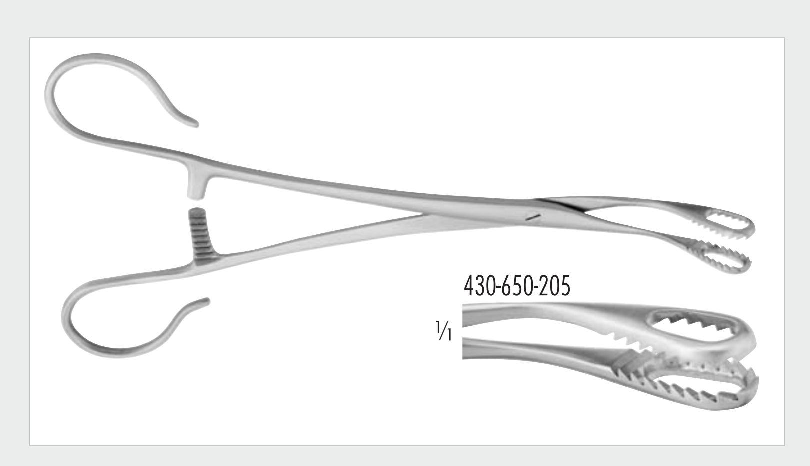
140-620-180 180 mm, 7 inch
140-620-235 235 mm, 9 ¼ inch
WHITE
Tonsillenfaßzange, 180 mm
Tonsil holding forceps, 7 inch



140-626-190
COLVER
Tonsillenklemme, gebogen, 190 mm
Tonsil seizing forceps, curved, 7 ½ inch

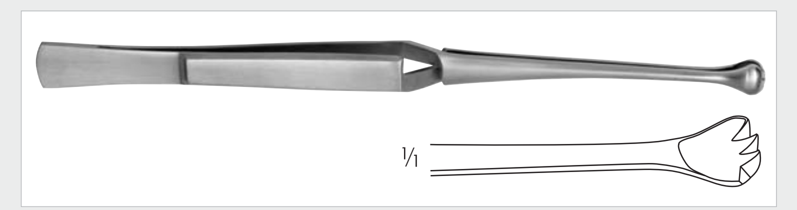


140-625-200
BLOHMKE
Tonsillenfaßzange, 200 mm
Tonsil holding forceps, 8 inch



430-650-205
ABRAHAM
Tonsillenfaßzange, 205 mm
Tonsil holding forceps, 8 inch





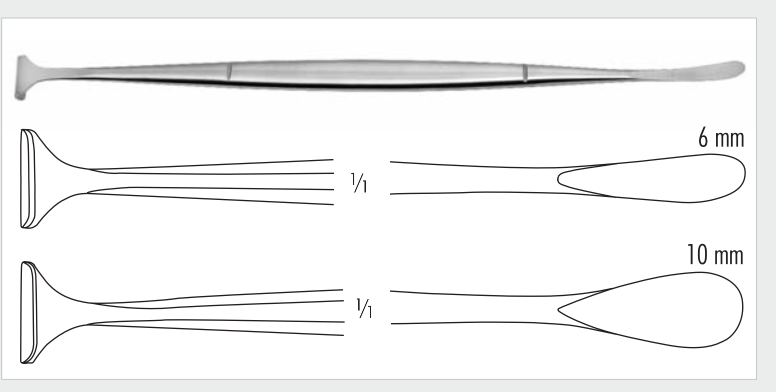
430-620-220
MARSCHIK
Tonsillenfaßpinzette, 220 mm
Tonsil grasping forceps, 8 ¾ inch



165-543-270 ∅ 10 mm
YANKAUER
Saugrohr mit zentraler Bohrung, 270 mm
Tonsil suction tube, with central boring, 10 ¾ inch

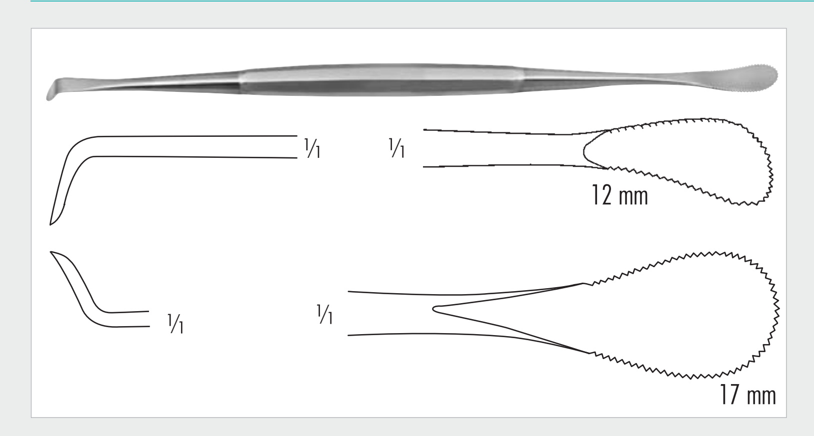


430-670-235
LOPEZ-REINKE
Tonsillendissektor mit Absaugvorrichtung, 235 mm
Tonsil suction dissector, 8 ½ inch



430-600-215 6 mm
430-601-220 10 mm
HURD
Tonsillendissektor und -retraktor, 215 mm
Tonsil dissector and pillar retractor, 8 ½ inch

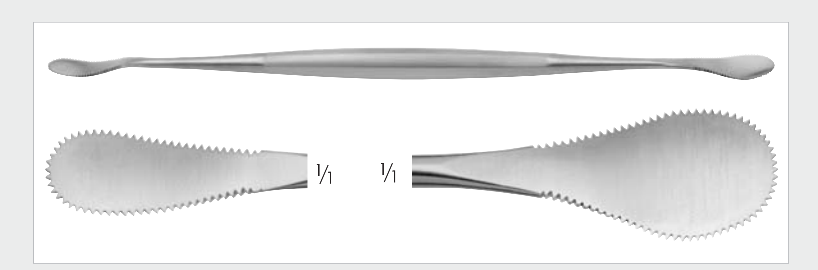




430-600-230 12 mm
430-601-230 17 mm

HENKE

Tonsillendissektor und -retraktor, 235 mm
Tonsil dissector and pillar retractor, 9 ¼ inch



430-602-230 17 mm

HENKE

Tonsillendissektor, doppelendig, 12 mm / 18 mm
gezahntes Blatt, 230 mm
Tonsil dissector, double-ended, 12 mm / 18 mm
serrated blade, 9 inch

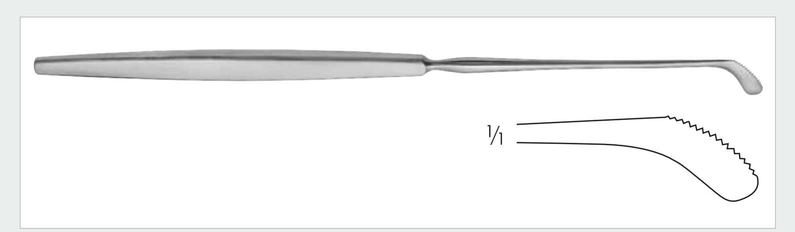


430-655-210

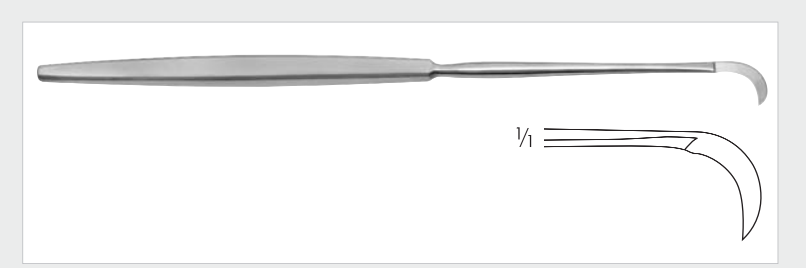
MOLLINSON

Tonsillendissektor und -retraktor, halb-scharf, 210 mm
Tonsil dissektor and pillar retractor, semi-sharp, 8 ½ inch





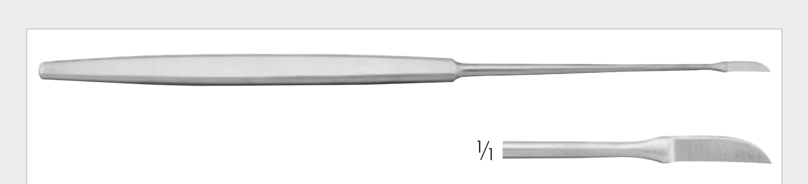
430-656-190
FISCHER
Tonsillenmesser, 225 mm
Tonsil knife, 9 inch



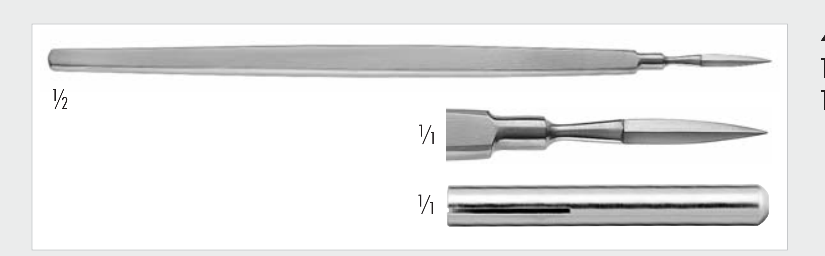
430-652-215
BRUENINGS
Tonsillenmesser, 230 mm
Tonsil knife, 9 inch



430-650-215
ABRAHAM
Tonsillenmesser, spitz 220 mm
Tonsil knife, sharp 8 ¾ inch



430-654-200
PERWITZSCHKY
Tonsillenmesser, 210 mm
Tonsil knife, 8 ¼ inch



430-656-195
Tonsillenmesser, mit doppelter Schneide, mit Schutzkappe, 175 mm
Tonsil knife, double-edge cutting, with protection cup, 7 inch

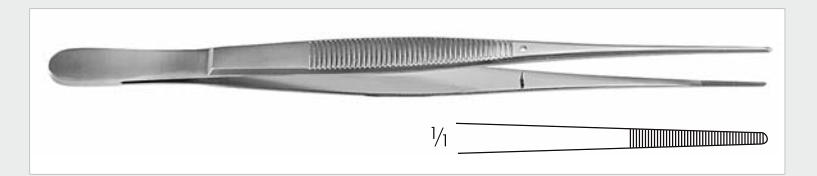


110-130-077
Skalpellgriff, Nr. 7, 165 mm
Scalpel handle, No.7, 6 ½ inch

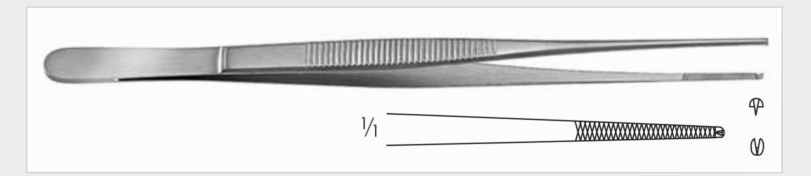


110-116-033
Skalpellgriff, Nr. 3L, 210 mm
Scalpel handle, No. 3L, 8 ¼ inch

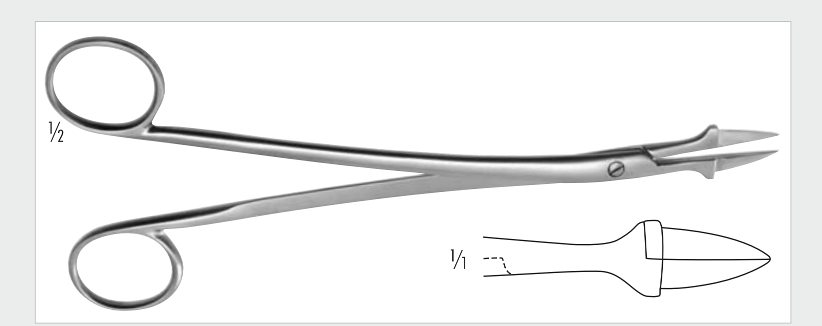




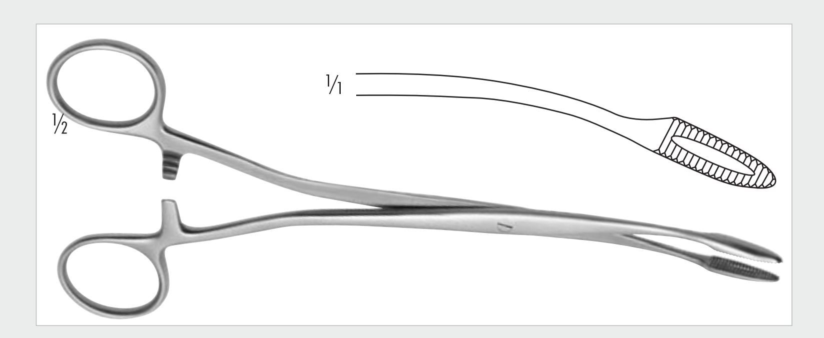
130-038-200
WAUGH
Feine anatomische Pinzette, 200 mm
Delicate dissecting forceps, 8 inch



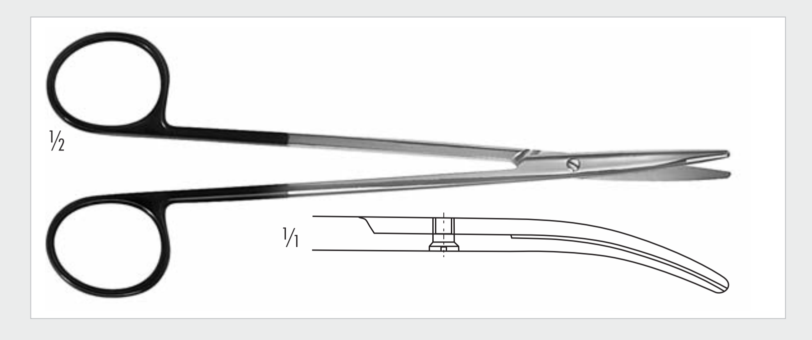
130-160-200
WAUGH
Feine chirurgische Pinzette, 1 x 2 Zähne, 200 mm
Delicate tissue forceps, 1 x 2 teeth, 8 inch



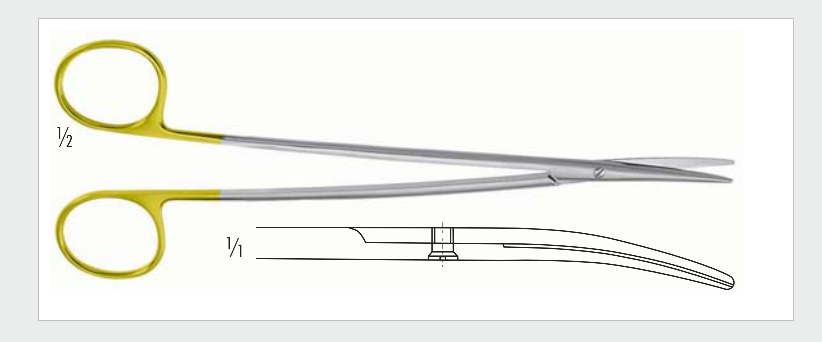
430-605-200
THILENIUS
Tonsillenabszeßzange, 190 mm
Tonsil abscess forceps, 7 ½ inch



150-130-200 gerade/straight
150-131-200 gebogen/gebogen
DUPLAY
Polypenzange, 200 mm
Dressing forceps, 8 inch

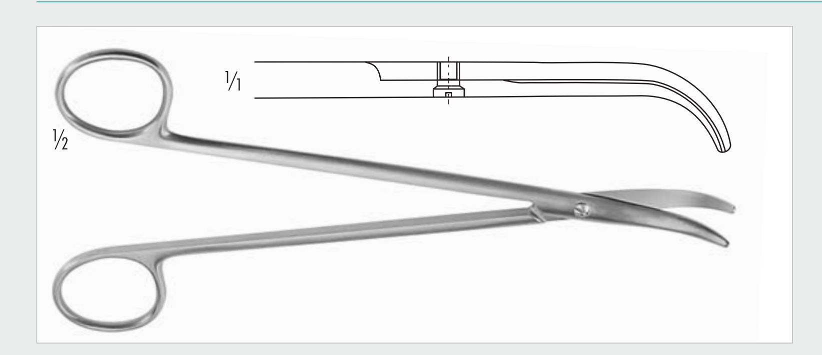


121-111-145 145 mm, 5 ¾ inch
121-111-180 180 mm, 7 inch
121-111-200 200 mm, 8 inch
METZENBAUM
SC Präparierschere, gebogen
SC Dissecting scissors, curved

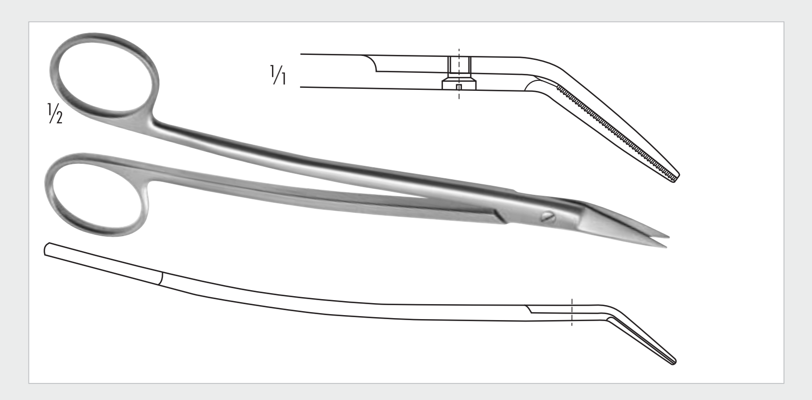


120-521-150 150 mm, 5 ¾ inch
120-521-180 180 mm, 7 inch
120-521-200 200 mm, 8 inch
METZENBAUM
TC Präparierschere, gebogen
TC Dissecting scissors, curved

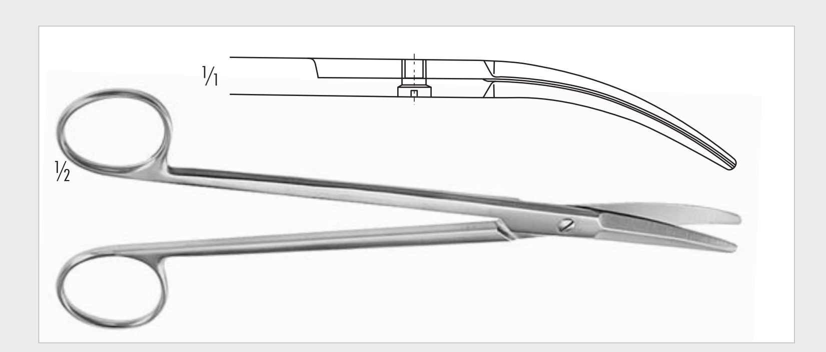




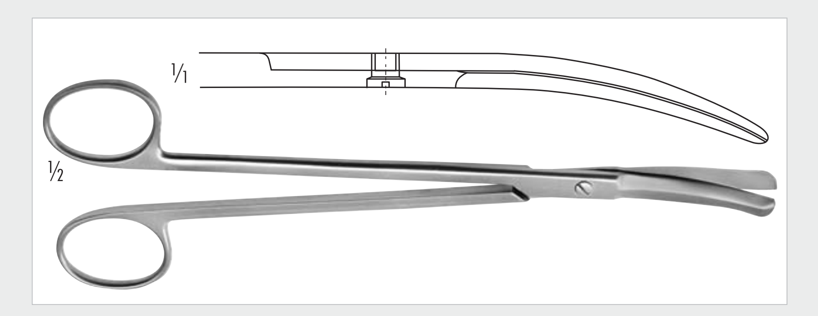
120-133-190
THOREK
Tonsillenschere, stark gebogen, 190 mm
Tonsil scissors, strong curved, 7 ½ inch



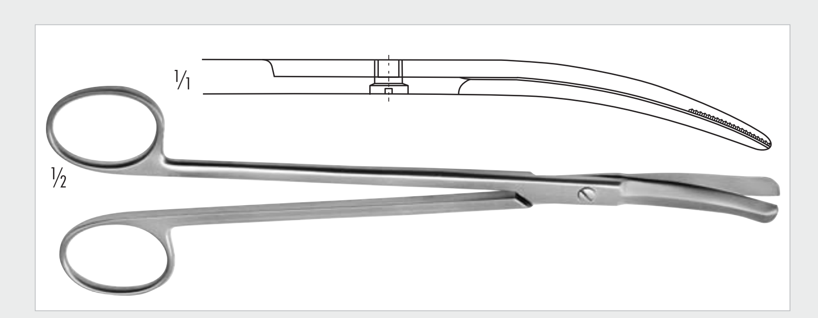
120-213-170
DEAN
Tonsillenschere, aufgebogen, Blätter gezahnt, 170 mm
Tonsil scissors, angled upwards, serrated blades, 6 ¾ inch



120-209-180
BOETTCHER
Tonsillenschere, gebogen, 180 mm
Tonsil scissors, curved, 7 inch

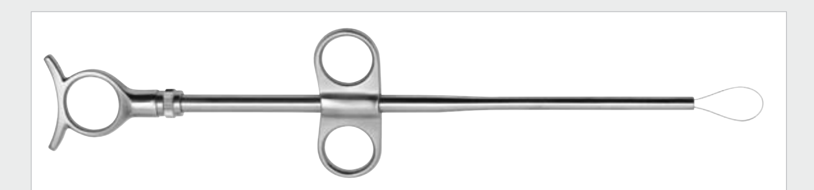


120-217-190
GOOD
Tonsillenschere, 190 mm
Tonsil scissors, 7 ½ inch

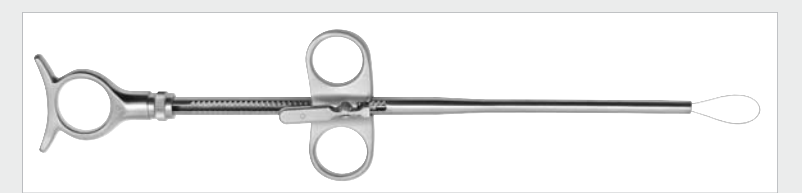


120-218-190
SCHWECKENDIEK
Tonsillenschere, 195 mm
Tonsil scissors, 7 ¾ inch

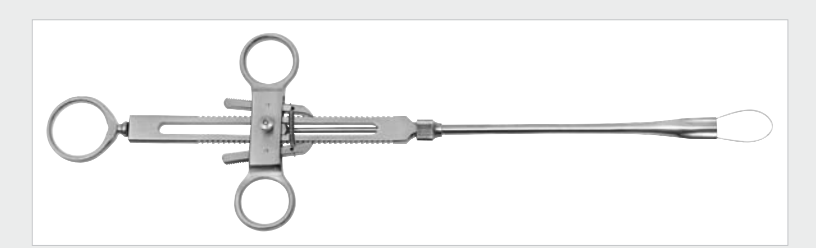




430-603-280
EVES
Tonsillenschnürer, 250 mm
Tonsil snare, 10 inch



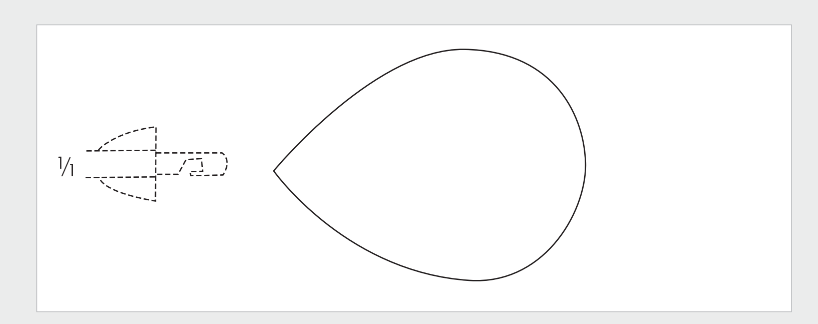
430-604-280
EVES
Tonsillenschnürer, mit Sperre, 250 mm
Tonsil snare, with ratchet, 10 inch



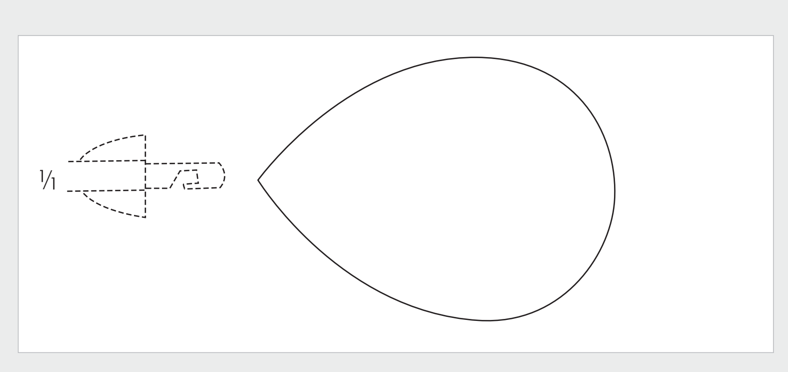
430-605-270
BRÜNINGS
Tonsillenschnürer, 270 mm
Tonsil snare, 10 ½ inch



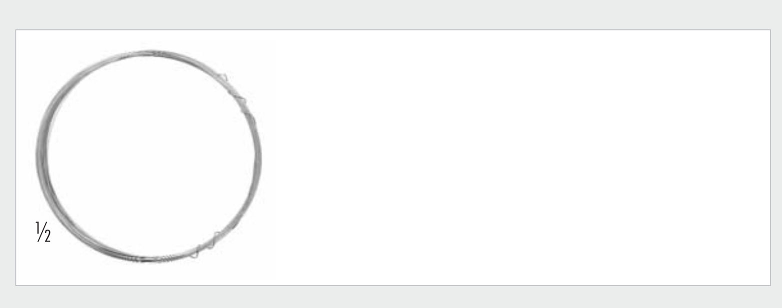
430-606-003 ∅ 0,3 mm
430-606-005 ∅ 0,5 mm
Schnürerdrähte, Bestelleinheit: DZ=Packung à 12 Stück
Snare wires, sales unit: DZ=Package of 12 pieces



430-606-040 ∅ 0,4 mm
Drahtschlingen, Bestelleinheit: PH=Packung à 100 Stück
Wire loops, sales unit: PH=Package of 100 pieces



430-607-040 ∅ 0,4 mm
Drahtschlingen, Bestelleinheit: PH=Packung à 100 Stück
Wire loops, sales unit: PH=Package of 100 pieces



430-607-003 ∅ 0,3 mm
Schnürerdraht, in Rollen à 10 m
Snare wire in coils of 10 m





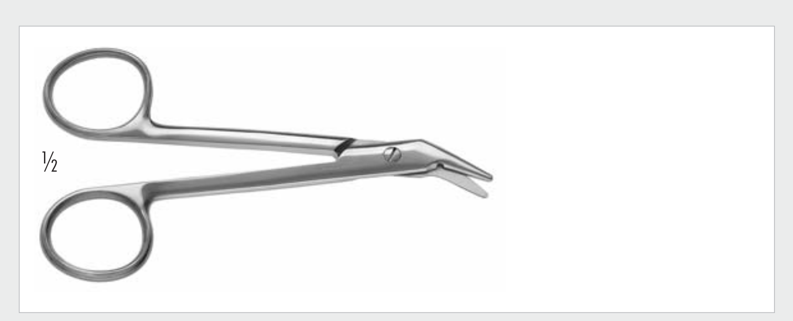
430-620-000
TYDING
Tonsillenschnürer mit abnehmbarem, geradem Aufsatz 430-620-100
Tonsil snare with detacheable straight tip 430-620-300



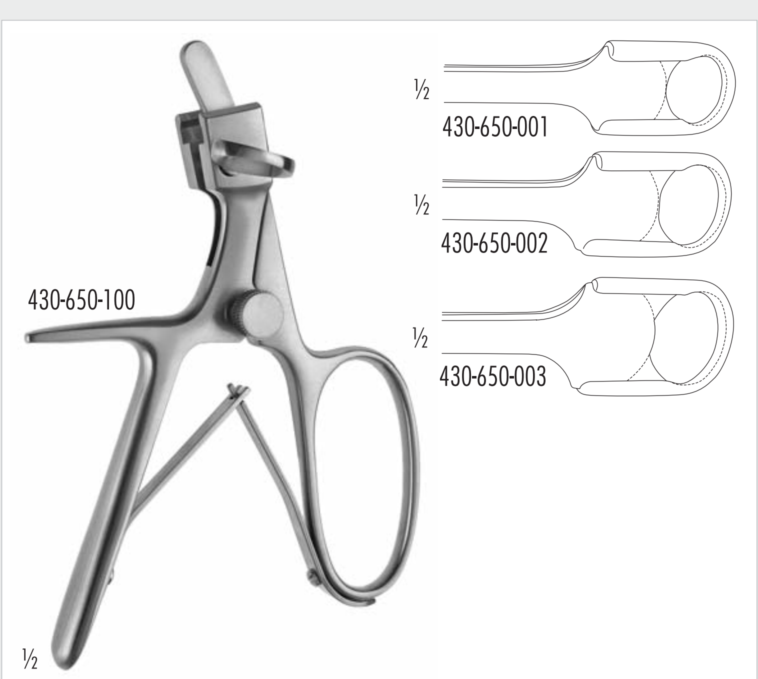
430-620-100
Gerader Aufsatz, allein
Straight tip, only



430-620-200
Veeder-Aufsatz, allein
Veeder tip, only



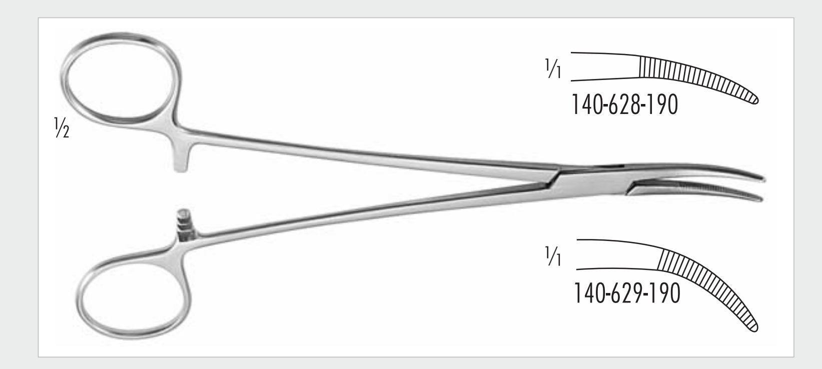
120-265-120
Drahtschere, eine Schneide gezahnt, 120 mm
Wire cutting scissors, on blade serrated, 4 ¾ inch



430-650-001 Fig. 1
430-650-002 Fig. 2
430-650-003 Fig. 3
SLUDER-BALLENGER
Aufsätze für Tonsillotomgriff 430-650-100
Blades for tonsillotome handle 430-650-100

430-650-100
Tonsillotomgriff für Aufsätze 430-650-001 - 430-650-003
Tonsillotome handle for blades 430-650-001 - 430-650-003



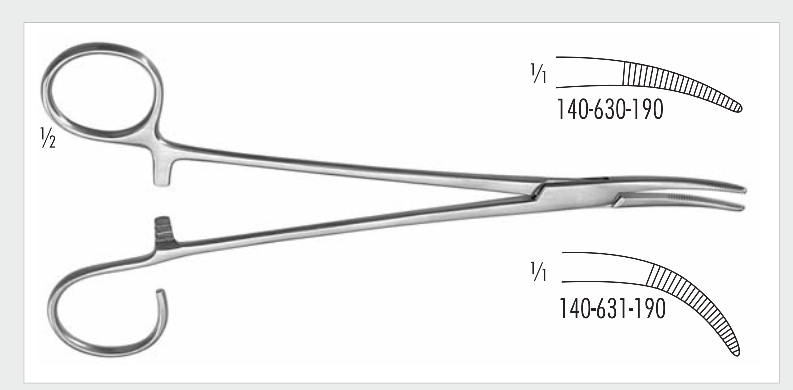


140-628-190 leicht gebogen/slightly curved
140-629-190 stark gebogen/strongly curved

SCHNIDT

Tonsillenklemme, 190 mm

Tonsil artery forceps, 7 ½ inch

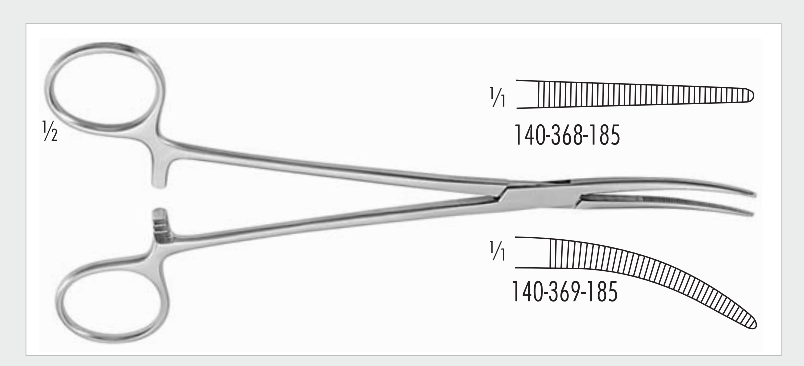


140-630-190 leicht gebogen/slightly curved
140-631-190 stark gebogen/strongly curved

SCHNIDT

Tonsillenklemme, mit offenem Ring, 185 mm

Tonsil artery forceps, with open ring, 7 ¼ inch

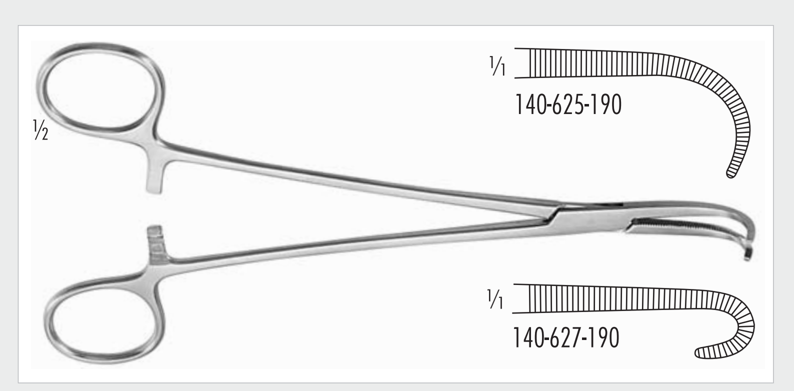


140-368-185 gerade/straight
140-369-185 gebogen/curved

BIRKETT

Arterienklemme, 185 mm

Hemostatic forceps, 7 ¼ inch

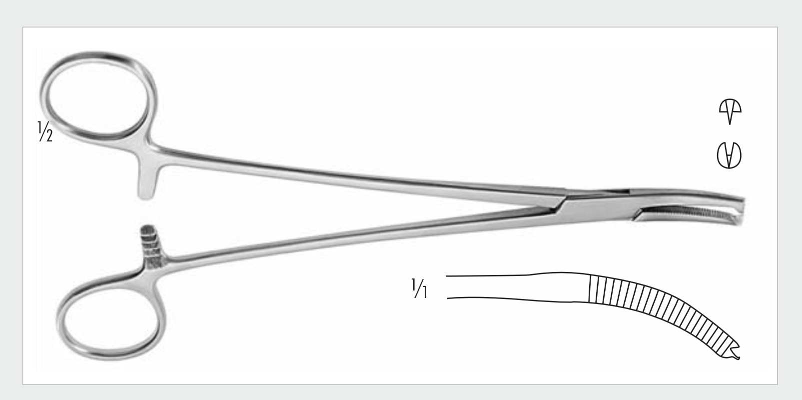


140-625-190 leicht gebogen/slightly curved
140-627-190 stark gebogen/strongly curved

NEGUS

Tonsillenklemme, 190 mm

Tonsil artery forceps, 7 ½ inch



140-549-200

MIKULICZ

Tonsillenklemme, 1x2 Zähne, 200 mm

Tonsil artery forceps, 1x2 teeth, 8 inch





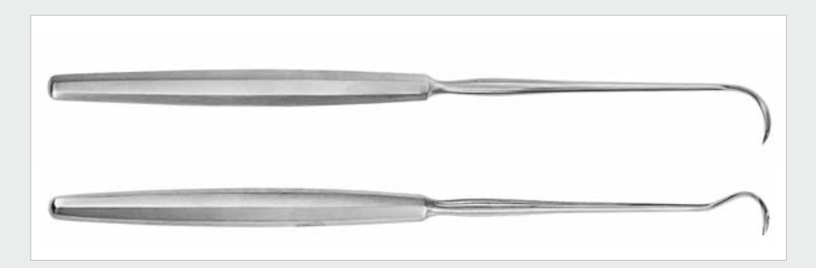
140-639-190
WILSON
Tonsillenklemmen, sehr fein, 190 mm
Tonsil artery forceps, very delicate, 7 ½ inch



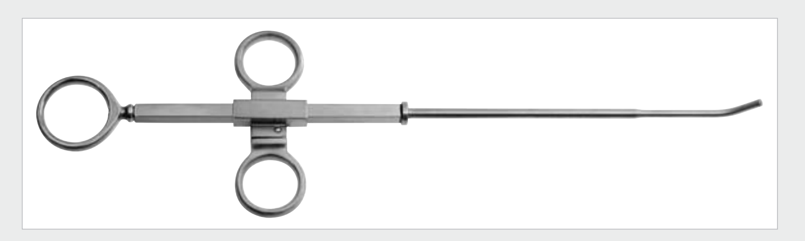
180-720-230
CLAUS-EICKEN
Unterbindungsnadel, 230 mm
Ligature needle, 9 inch



180-711-240
NAGER
Unterbindungsnadel, 240 mm
Ligature needle, 9 ½ inch



180-718-210 links/left
180-719-210 rechts/right
HURD
Unterbindungsnadel, 210 mm
Ligature needle, 8 ¼ inch

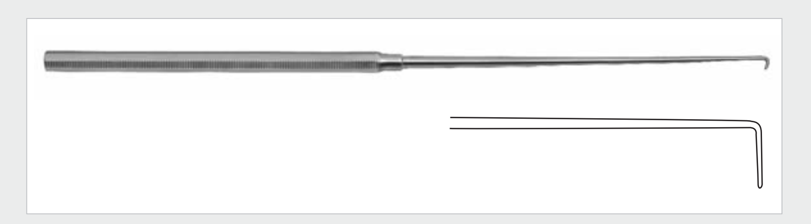


430-500-260
ROEDER
Ligaturinstrument, 260 mm
Ligature instrument, 10 ¼ inch

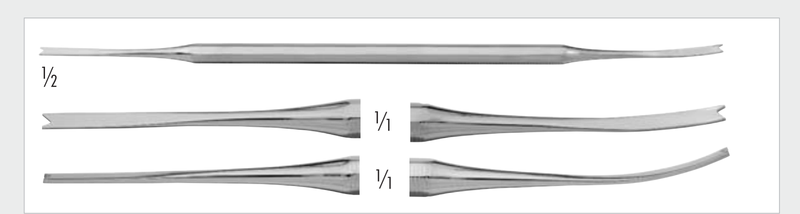


430-505-205
NEGUS
Fadengabel, 205 mm
Knot tyer, 8 inch

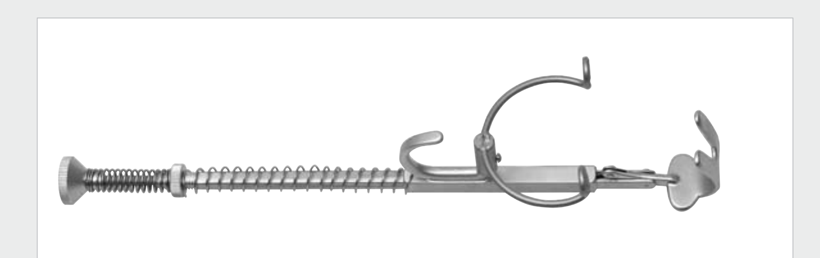




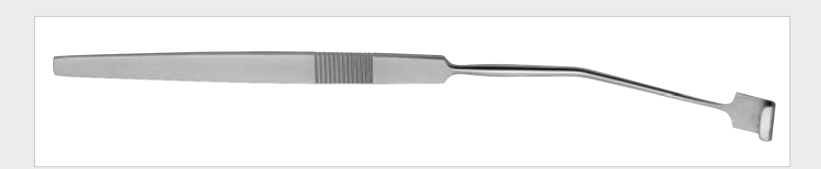
430-506-210
CLAUS-EICKEN
Fadenfänger, 210 mm
Suture hook (catcher), 8 ¼ inch



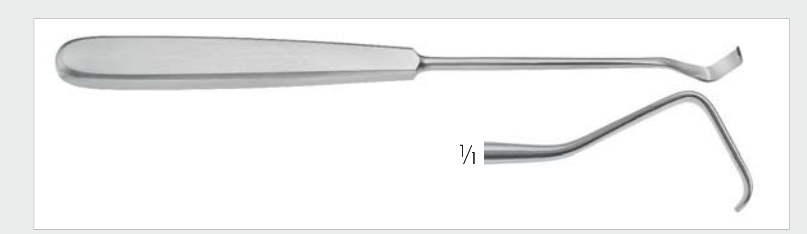
430-602-175
LUNIATSCHEK
Tonsillen Tamponstopfer, 2 mm, 190 mm
Tonsil gauze packers, 2 mm, 7 ½ inch



430-508-000
HASLINGER
Gaumensegelhalter, selbsthaltend
Uvula retractor (palate retractor) self-retaining



430-520-230
NAGER
Tonsillenretraktor, 230 mm
Tonsil retractor, 9 inch



430-245-200
SCHOENBORN
Gaumenhaken, 13 x 6 mm, 210 mm
Uyula hook, 13 x 6 mm, 8 ¼ inch



430-300-230
HOFER
Gaumenretraktor, 240 mm
Uvula retractor, 9 ½ inch

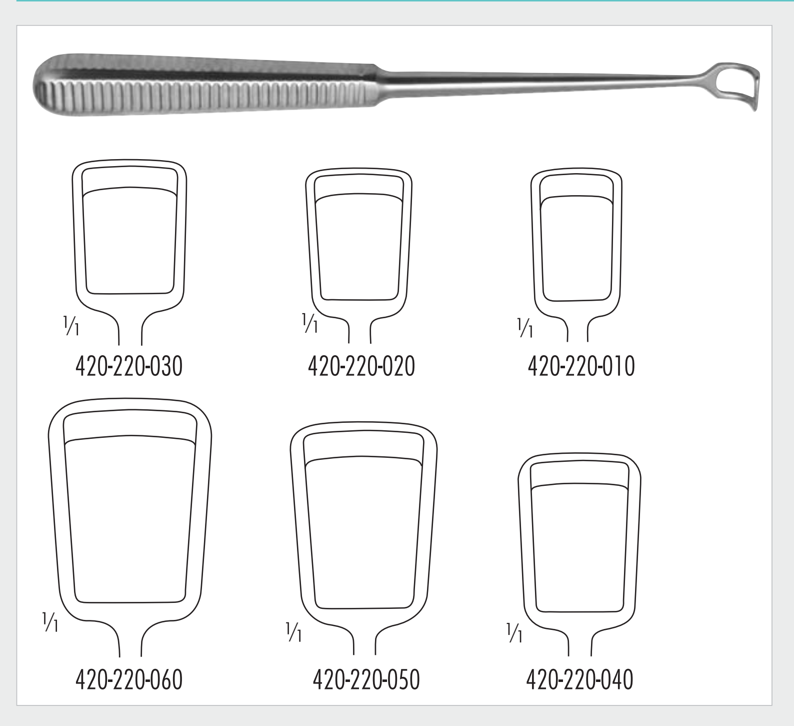


430-522-230
HURD
Elevator, 230 mm
Elevator, 9 inch



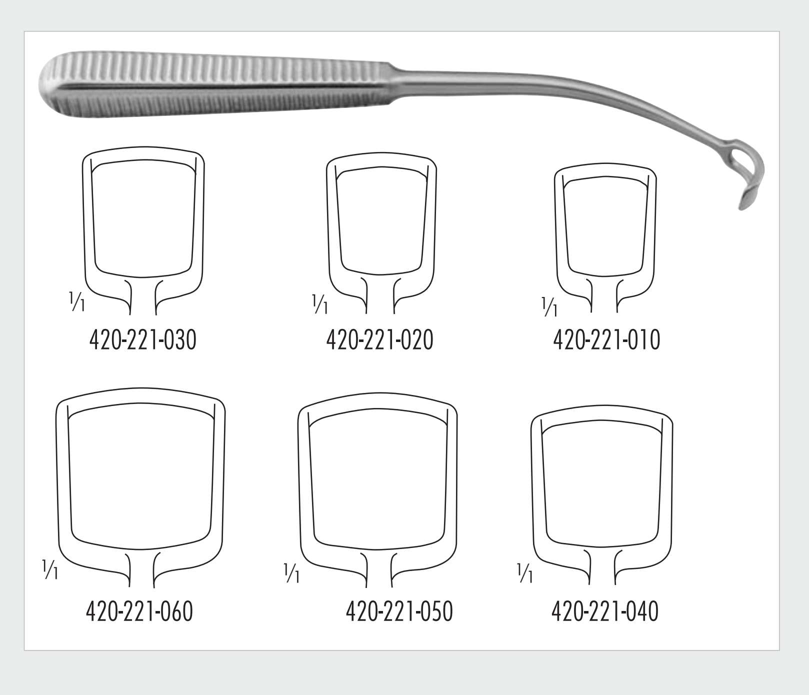
430-524-210
NAGER
Gaumenhaken, 210 mm
Uvula retractor, 8 ¼ inch





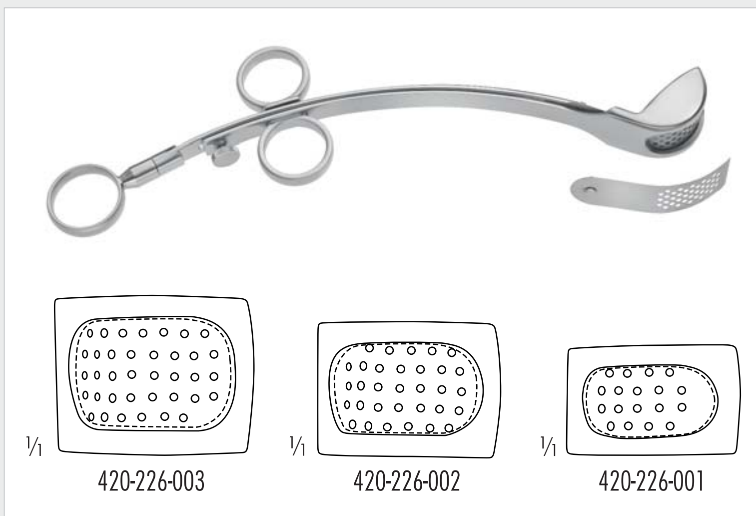
420-220-010 8 mm, Fig. 1
420-220-020 10 mm, Fig. 2
420-220-030 12 mm, Fig. 3
420-220-040 14 mm, Fig. 4
420-220-050 16 mm, Fig. 5
420-220-060 18 mm, Fig. 6
420-220-070 19.5 mm, Fig. 7

BECKMANN
Ringmesser, 220 mm
Adenoid curette, 8 ¾ inch



420-221-010 8 mm, Fig. 1
420-221-020 10 mm, Fig. 2
420-221-030 12 mm, Fig. 3
420-221-040 14 mm, Fig. 4
420-221-050 16 mm, Fig. 5
420-221-060 18 mm, Fig. 6
420-221-070 19.5 mm, Fig. 7

BECKMANN
Ringmesser, gebogen 220 mm
Adenoid curette, curved 8 ¾ inch



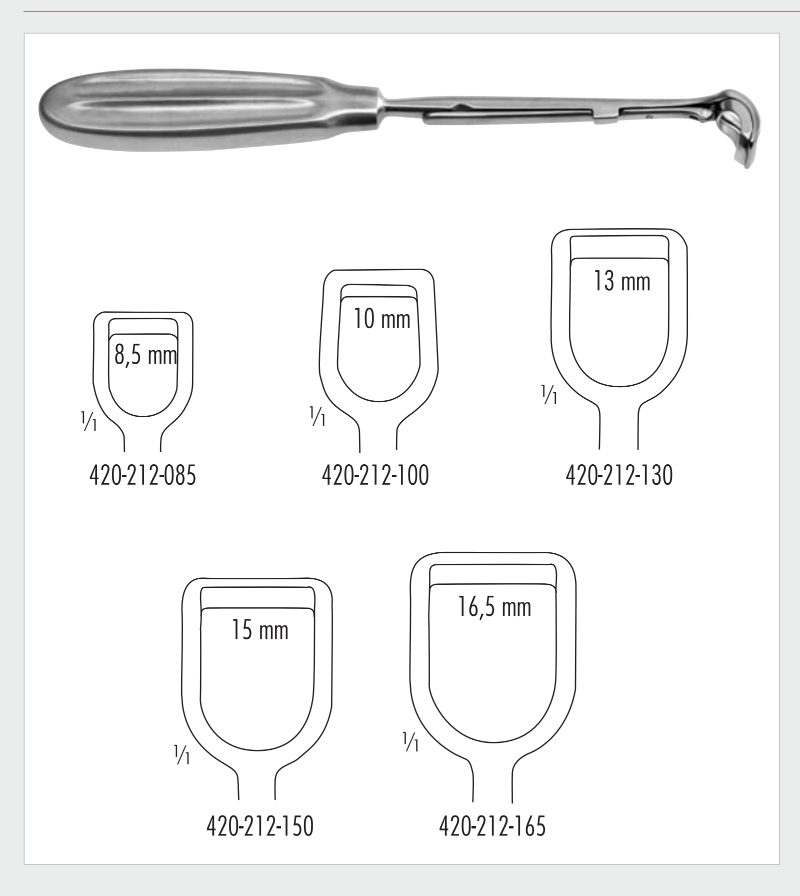
420-226-001 12 mm
420-226-002 16 mm
420-226-003 18 mm

LA FORCE
Pharynx Tonsillotom, 230 mm
Adenotomes, 9 inch

420-226-101
420-226-102
420-226-103

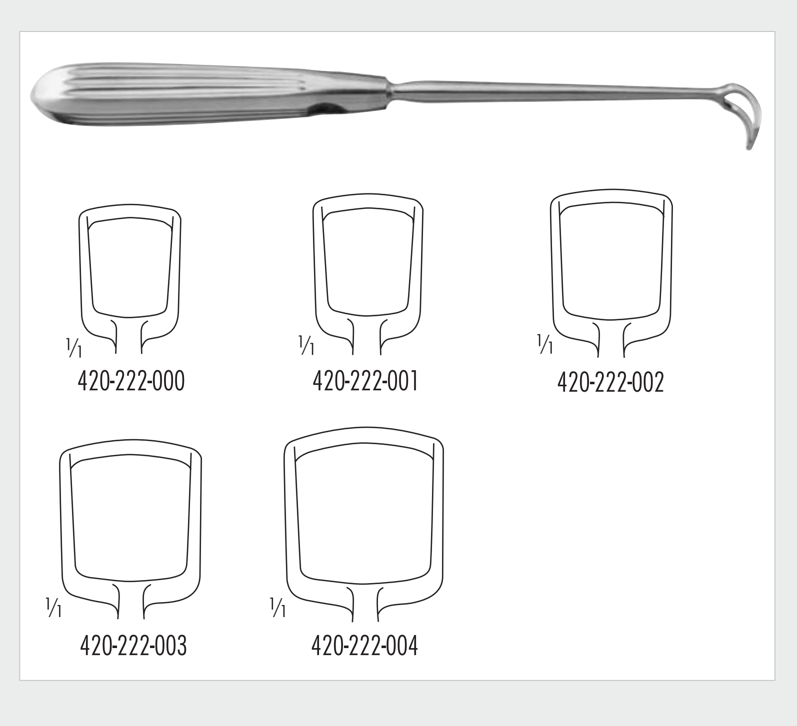
LA FORCE
Eratzklingen, allein, gelocht, passend für 420-226-001 - 420-226-003
Spare blades only, perforated, suitable for 420-226-001 - 420-226-003





420-212-085 8,5 mm
420-212-100 10 mm
420-212-130 13 mm
420-212-150 15 mm
420-212-165 16,5 mm

ST-CLAIR-THOMPSON
Ringmesser mit Fangkorb, 212 mm
Adenoid curette with cage, 8 ¼ inch



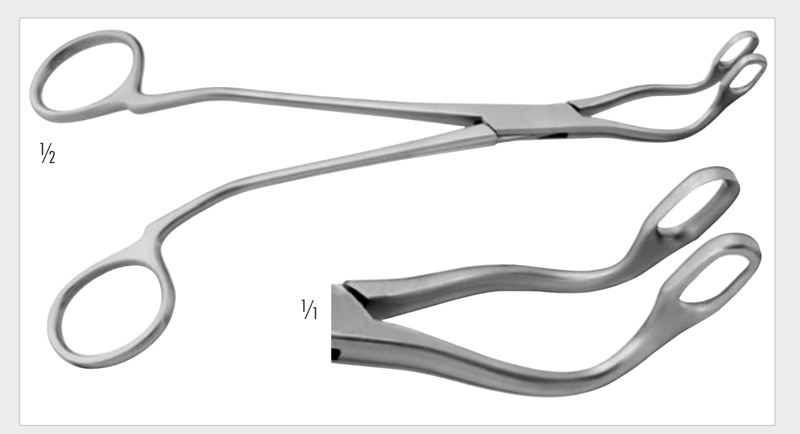
420-222-000 Fig. 0
420-222-001 Fig. 1
420-222-002 Fig. 2
420-222-003 Fig. 3
420-222-004 Fig. 4

BARNHILL
Ringmesser, 220 mm
Adenoid curette, 8 ¾ inch

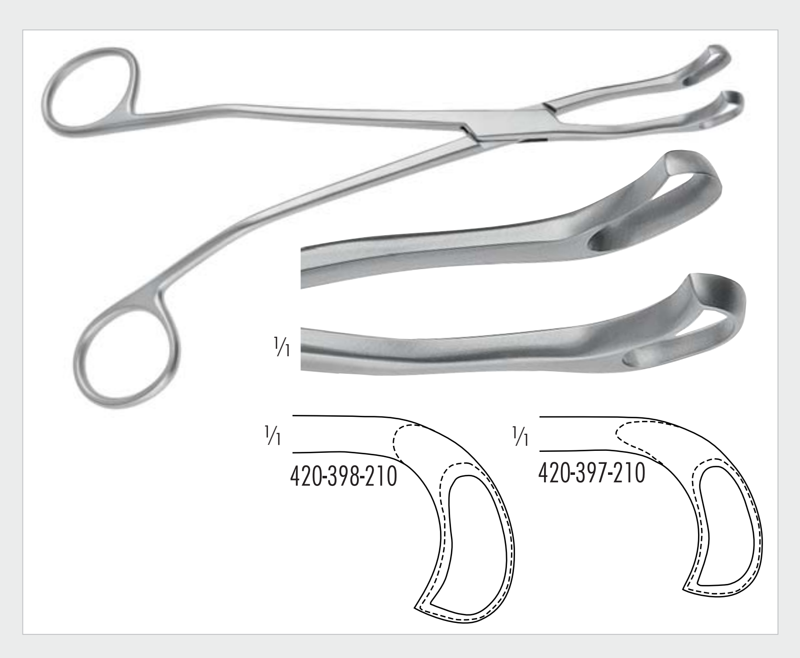




420-395-240
JATHO
Nasenrachenraumzange, 240 mm
Nasopharynx forceps, 9 ½ inch



420-396-190
JURASZ
Nasenrachenzange für Kinder, 190 mm
Adenoid cutting forceps for children, 7 ½ inch



420-397-210 Fig. 1
420-398-210 Fig. 2
JURASZ
Nasenrachenzange, 210 mm
Adenoid cutting forceps, 8 ¼ inch





420-398-190
DUPLAY
Nasenrachenraum Tupferzange, s-förmig gebogen, 190 mm
Nasopharyngeal sponge holding forceps, s-shaped, 7 ½ inch



420-391-000	Fig.0	6 mm
420-391-001	Fig.1	7 mm
420-391-002	Fig.2	8 mm

Ronis
Adenoidzange, durschneidend, Schaft aufgebogen, dreieckig, Arbeitslänge: 130 mm
Adenoid Forceps, through cutting, upcurved shaft, triangular bite, working length: 130 mm



420-391-115
KING
Adenoidzange, durschneidend, Schaft abgebogen, dreieckig, Fig. 1, 7mm Schnitt, 130mm
Adenoid Forceps, through cutting, downcurved shaft, triangular bite, Fig. 1, 7 mmm bite, 130 mm





420-401-001 7 mm, Fig.1
420-401-002 8 mm, Fig.2

MELZER

Adenoidzange, durchschneidend, rund, mit Gitter, 140 mm
Adenoid Forceps, through cutting, round, with basket, 140 mm



420-401-201 Fig.1

MELZER

Adenoidzange, durchschneidend, oval, 5,2x 3,2mm Schnitt,
Arbeitslänge: 140 mm
Adenoid Forceps, through cutting, oval, 5.2 x 3.2mm bite,
working lenghth: 140 mm



420-401-100 6 mm, Fig.0
420-401-101 7 mm, Fig.1
420-401-102 8 mm, Fig.2
420-401-103 10 mm, Fig.3

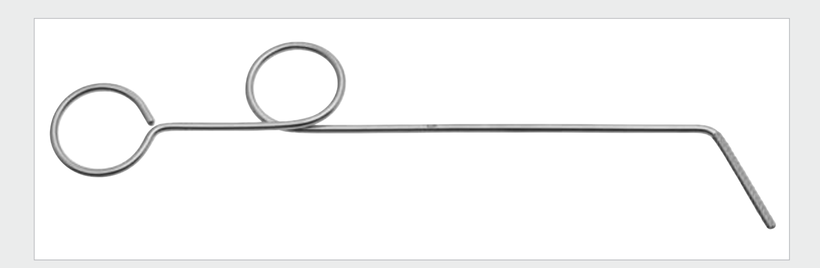
MELZER

Adenoidzange, durchschneidend, dreieckig, mit Gitter, 140 mm
Adenoid Forceps, through cutting, triangular, with basket, 140 mm

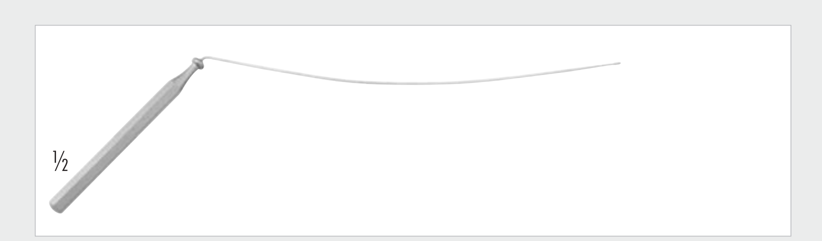




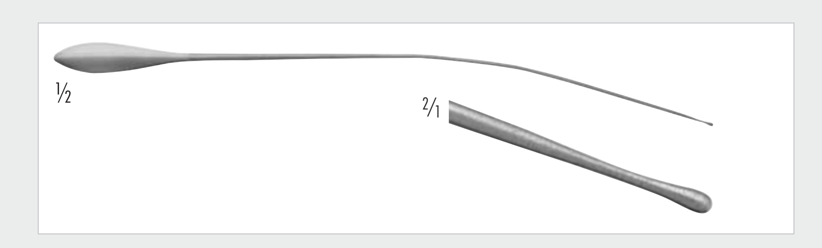
420-131-190
YANKAUER
Nasenrachenraum Spekulum, 190 mm
Nasopharyngeal speculum, 7 ½ inch



160-481-200 ∅ 2.3 mm
HARTMANN
Watteträger, spiralförmig gerieft, 220 mm
Postnasal applicator, spiral end, 8 ½ inch



410-046-180 ∅ 1,0 mm
RZ
Speichelgangsonde, aus Silber, 180 mm
Salival duct probe, silver plated, 7 inch

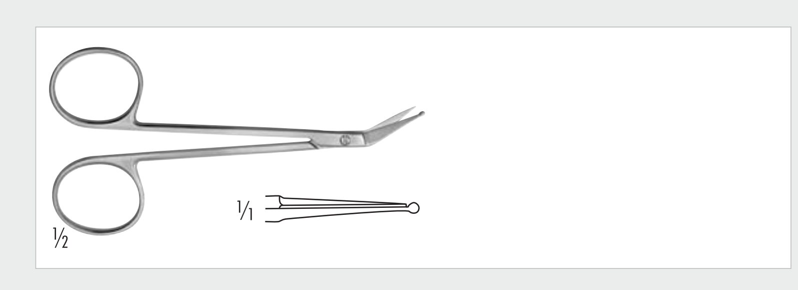


410-045-180 ∅ 1,0 mm
SEIFFERT
Speichelgangsonde, aus Silber, 180 mm
Salival duct probe, silver plated, 7 inch

Größe 1/2
Größe 3/4
Größe 5/6
Größe 7/8

400-310-001	Fig. 1/2
400-310-002	Fig. 00/0
400-310-003	Fig. 3/4
400-310-004	Fig. 0000/000
400-310-005	Fig. 5/6
400-310-006	Fig. 000/00
400-310-007	Fig. 7/8

BOWMAN
Sonden, silber
Lacrimal probes, silver plated

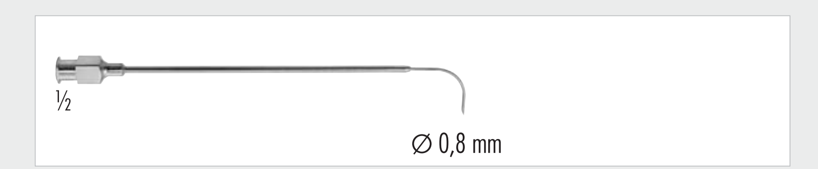


420-100-100
PERWITZSCHKY
Speichelgangschere, 100 mm
Salival scissors, 4 ½ inch

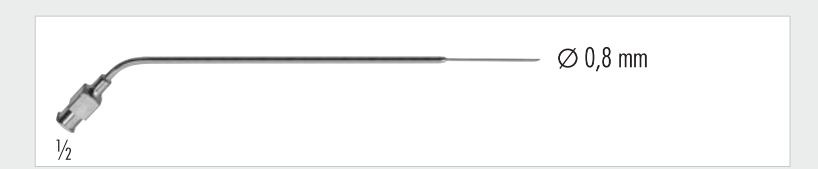




252-005-170
Tonsillenkanüle, gerade, mit LUER-Lock-Ansatz
Tonsil needle, straight, with Luer-lock attachment



252-004-170
Tonsillenkanüle, gebogen, mit LUER-Lock-Ansatz
Tonsil needle, strongly curved, with LUER-lock attachment



252-003-170
Septumkanüle, abgewinkelt, mit LUER-Lock Ansatz
Septum needle, angled, with Luer-lock attachment



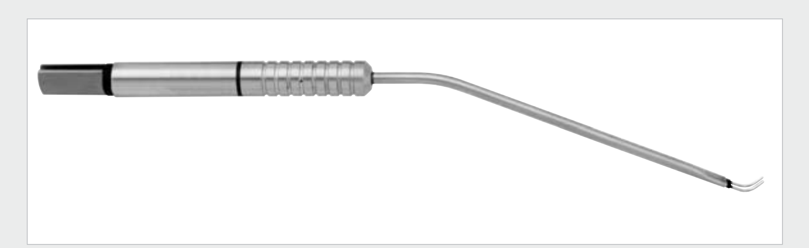
252-001-170
Septumkanüle, bajonettförmig gebogen, mit LUER-Lock Ansatz
Septum needle, bayonet-shaped, with LUER-lock attachment



165-855-020 2 ml
165-855-050 5 ml
165-855-100 10 ml
Spritze, komplett
Syringe, complete



165-856-020 2 ml
165-856-050 5 ml
165-856-100 10 ml
Glaszylinder, allein
Glas cylinder, only

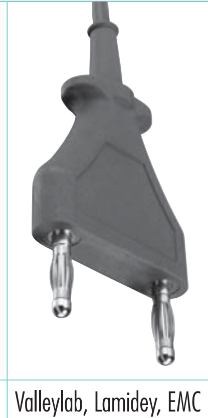


100-866-230
Tonsillen Bipolare Elektrode, stumpf, Nutzlänge 230 mm
Tonsil bipolar electrode, blunt, working length 9 inch



Bipolare Anschlußkabel/Bipolar Cables



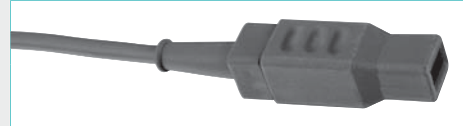
					
		2-Bananen-Stecker 2-banana-pin	Erbe	Martin, Berchtold, Aesculap GK55 + GK60	Valleylab, Lamidey, EMC

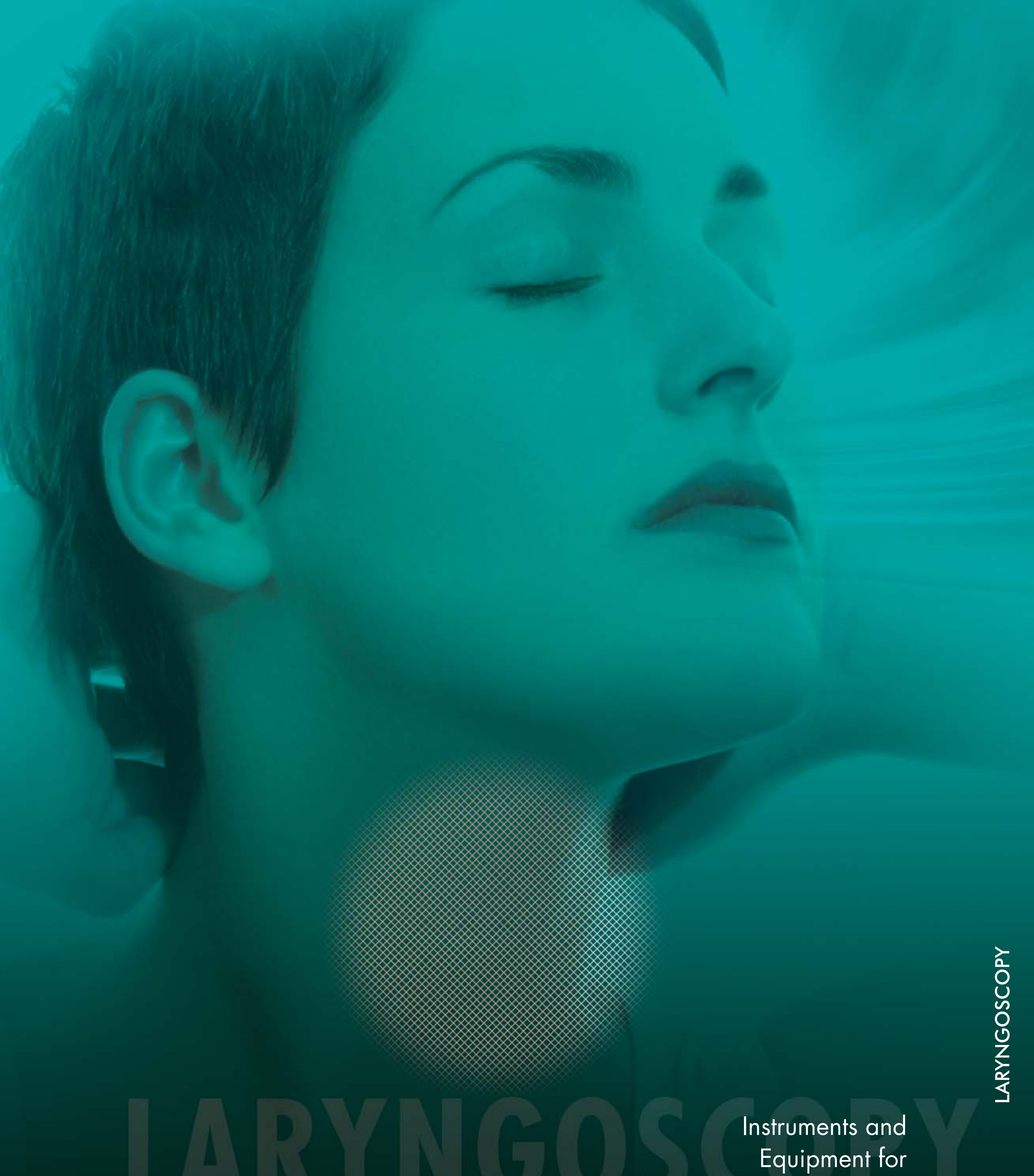
Flachstecker/flat-plug

	3 m	700-350-030	700-101-001	700-287-030	700-351-031
	5 m	700-350-050	700-101-000	700-287-050	700-351-051

Flachstecker, Vierkant/flat-plug, square



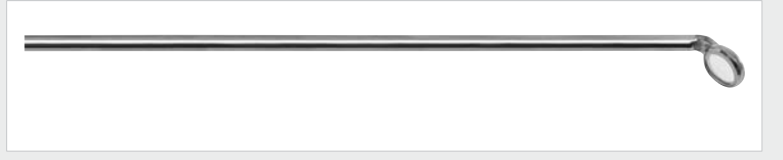
	3 m	700-350-130	700-101-130	700-287-130	700-351-131
	5 m	700-350-150	700-101-150	700-287-150	700-351-151



LARYNGOSCOPY

Instruments and
Equipment for
Laryngoscopy

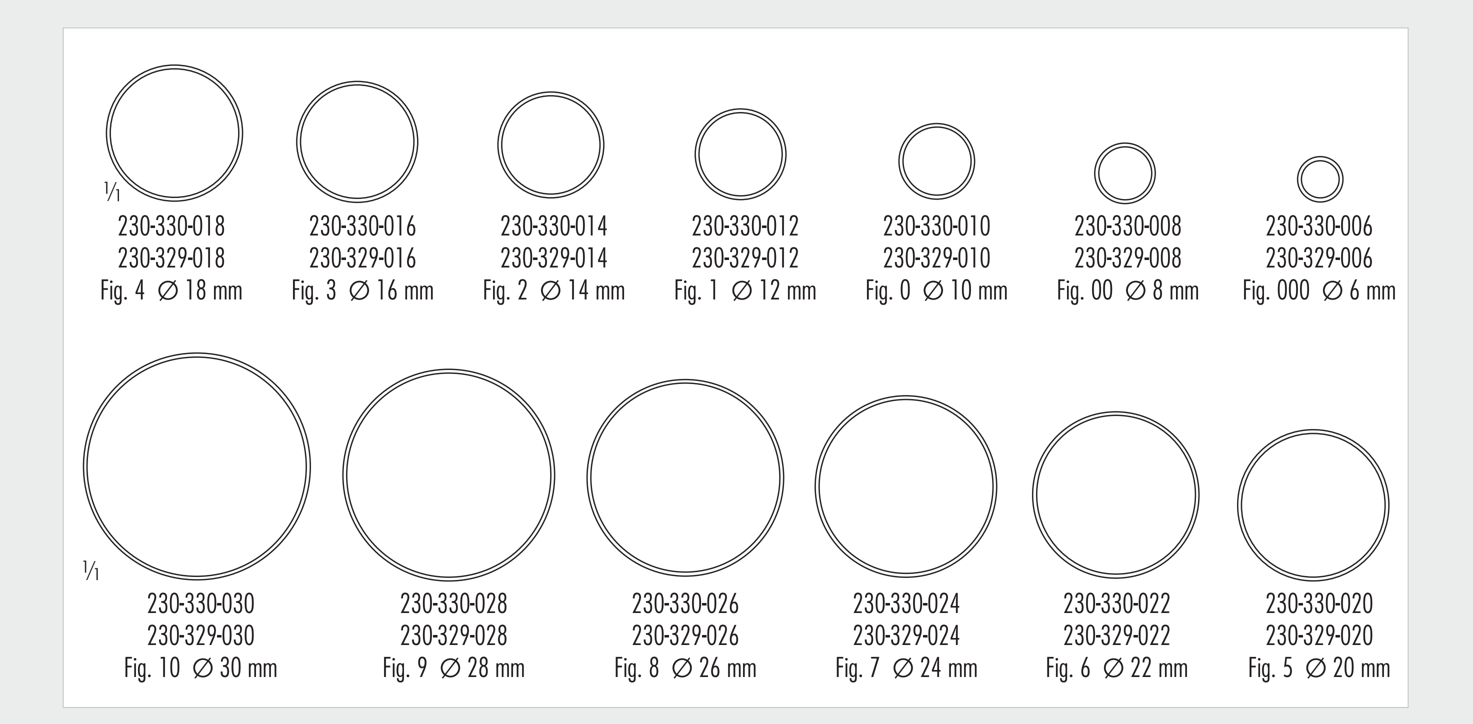




230-329-006 - 230-329-030
Kehlkopfspiegel, 120 mm
Laryngeal mirror, 4 ½ inch

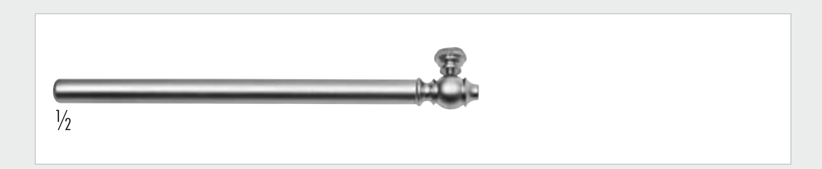


230-330-006 - 230-330-030
Kehlkopfspiegel mit Sechskantgriff, 180 mm
Laryngeal mirror with hexagonal handle, 7 inch

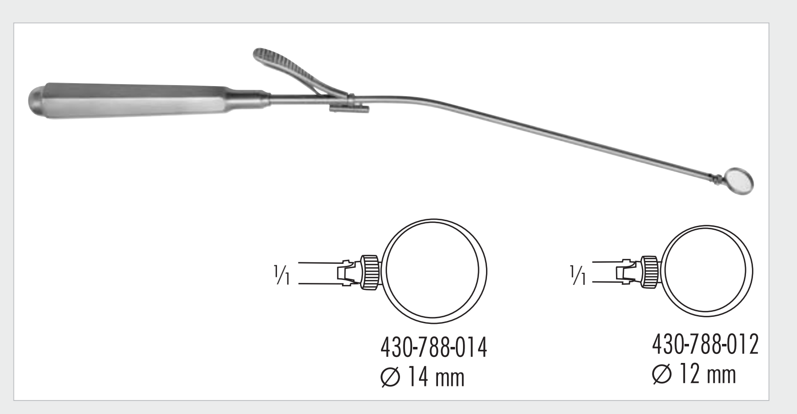




230-332-105
Spiegelgriff, 110 mm
Mirror handle, 4 3/8 inch



230-331-110
Spiegelgriff mit Feststellschraube, 110 mm
Mirror handle with set screw, 4 3/8 inch



430-788-012 ∅ 12 mm 430-788-016 ∅ 16 mm
430-788-014 ∅ 14 mm 430-788-018 ∅ 18 mm
MICHEL
Nasenspiegel mit austauschbaren Spiegelaufsätzen, 250 mm
Rhinoscopic mirror with interchangeable mirror inserts, 10 inch

430-789-012 ∅ 12 mm 430-789-016 ∅ 16 mm
430-789-014 ∅ 14 mm 430-789-018 ∅ 18 mm
Ersatzspiegel, allein
Spare mirror, only





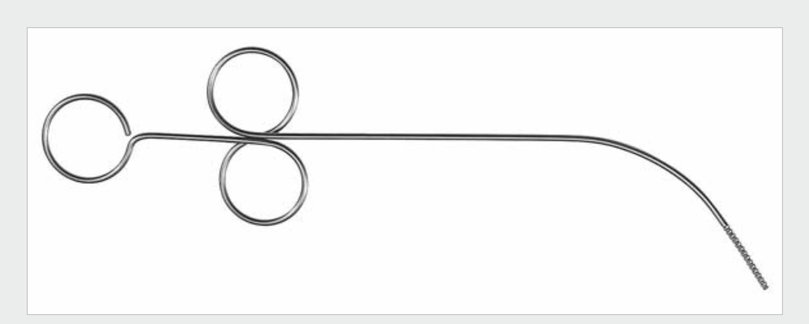
430-800-100
Kehlkopf-Zerstäuber mit Glaszylinder, 12 ml
Laryngeal-Atomizer with glass barrel, 12 ml



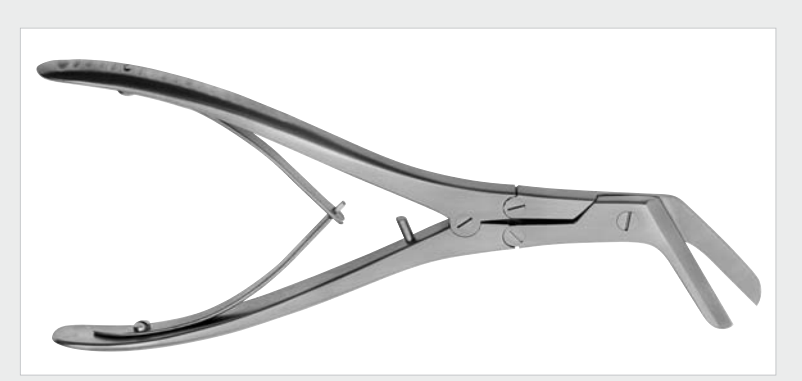
430-803-230
REICHERT
Kehldeckelhalter, 240 mm
Epiglottis retractor, 9 ½ inch



430-805-250
KILLIAN
Watteträger, 250 mm
Laryngeal applicator, 10 inch

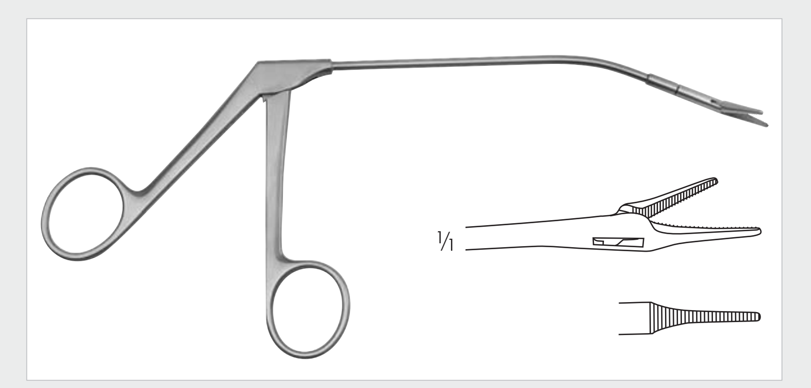


160-495-280
FEIN
Watteträger, 280 mm
Laryngeal applicator, 11 inch

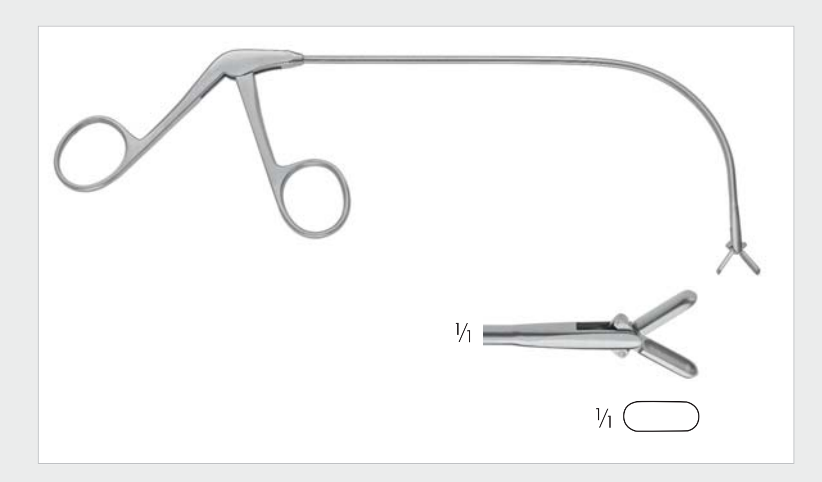


430-813-060
KILLIAN
Laryngo-Fissuren-Schere, 220 mm
Laryngectomy scissors, double action, 8 inch

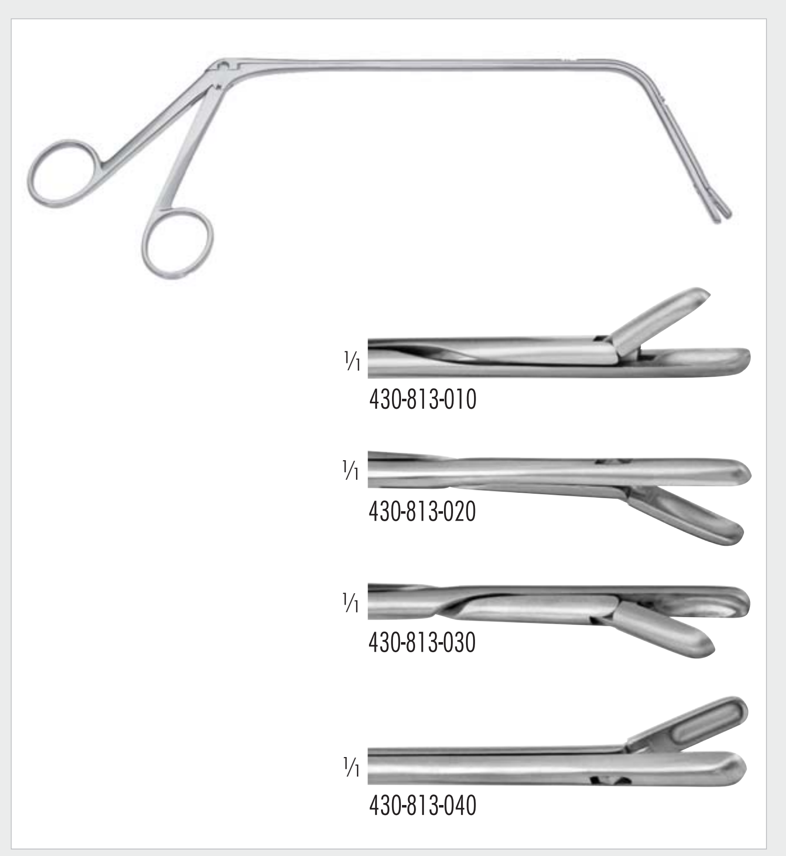




430-810-165
KALUSKAR
Fremdkörperzange, 165 mm
Pharyngeal foreign body forceps, 6 ½ inch

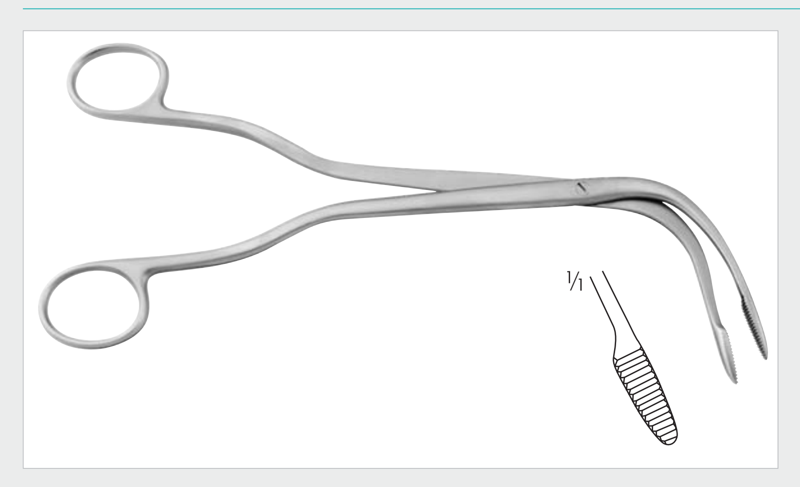


430-813-050
FRAENKEL
Kehlkopfzange, doppelseitig öffnend, länglich ovales Maul, 170 mm
Laryngeal forceps, both sides opening, longitudinal oval jaws, 6 ¾ inch



430-813-010 nach rechts öffnend/opening to the right
430-813-020 nach links öffnend/opening to the left
430-813-030 nach unten öffnend/opening downwards
430-813-040 nach oben öffnend/opening upwards
JURASZ
Kehlkopfpolypenzange, 220 mm
Laryngeal polypus forceps, 8 ½ inch

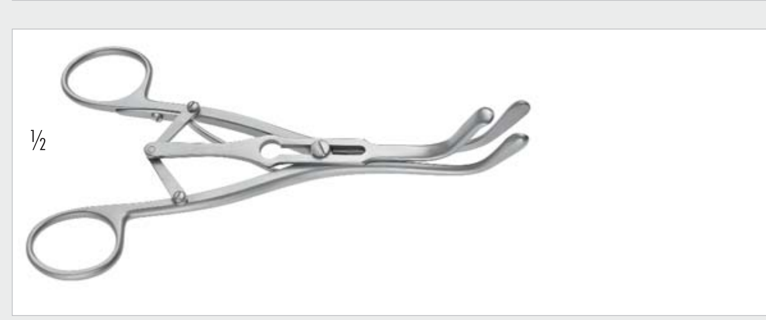




430-815-220
FRAENKEL
Kehlkopfpolypenzange, 220 mm
Laryngeal polypus forceps, 8 ¾ inch



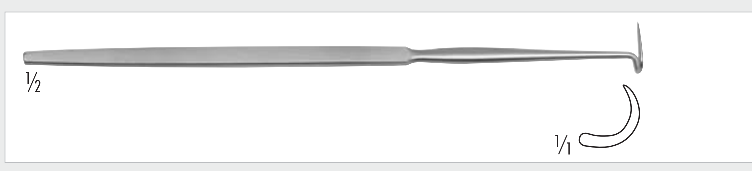
440-120-120
TROUSSEAU
Trachealdilatator, 120 mm
Tracheal dilator, 4 ¾ inch



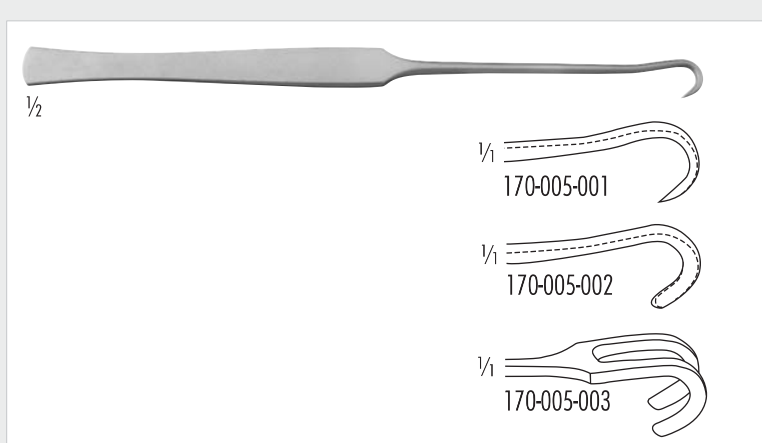
440-130-140
LABORDE
Trachealdilatator, 140 mm
Tracheal dilator, 5 ½ inch



170-002-165
BOSE
Trachealhäkchen, links, für die rechte Hand, 160 mm
Tracheal ligature hook, left, for the right hand, 6 ¼ inch



170-003-165
BOSE
Trachealhäkchen, rechts, für die linke Hand, 160 mm
Tracheal ligature hook, right, for the left hand, 6 ¼ inch



170-005-001
Trachealhaken, scharf, 180 mm
Tracheal retractor, sharp, 7 inch

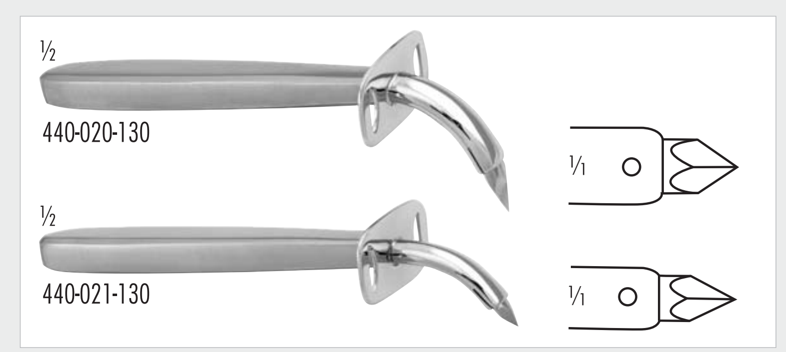
170-005-002
Trachealhäkchen, stumpf, 180 mm
Tracheal retractor, blunt, 7 inch

170-005-003
Trachealhaken, 2 Zähne, stumpf, 180 mm
Tracheal retractor, 2 prongs, blunt, 7 inch





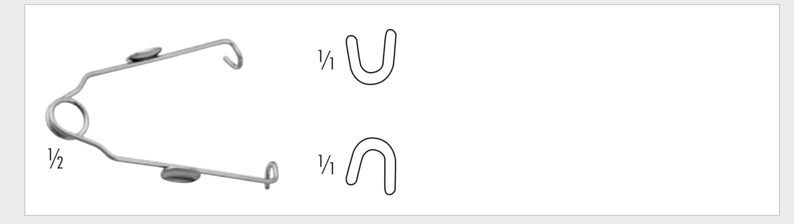
440-221-160
KOCHER
Kropf Sonde, mit Loch, 160 mm
Goitre director, with hole, 6 inch



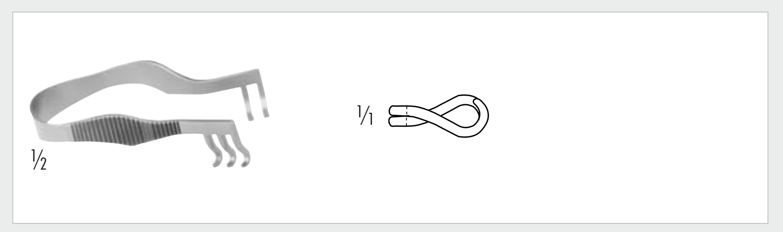
440-020-130 ∅ 9,0 mm
440-021-130 ∅ 7,5 mm
UCKERMANN
Trachealtrokar, 130 mm
Trachea trocar, 5 inch



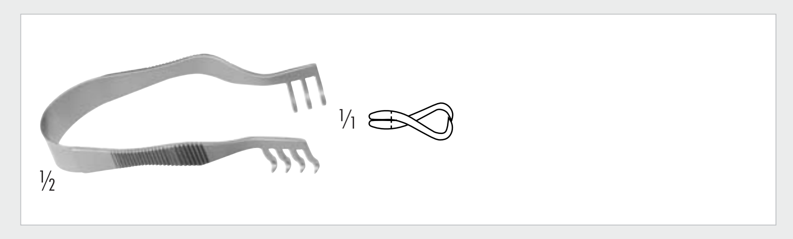
440-100-100
RZ Notfall Set
Tracheostomy Set, komplett, schnelles Öffnen der Luftwege durch die Koniotomie Dolchschere 120-537-140 nach vorheriger Stichinzision der Haut
RZ Emergency Set
Tracheostomy set, complete, quick opening of respiratory tract by using a coniotomy scissors 120-537-140 following a skin incision



170-700-060
BOSE
Wundspreizer, 60 mm
Tracheal retractor, 2 ³⁄₈ inch

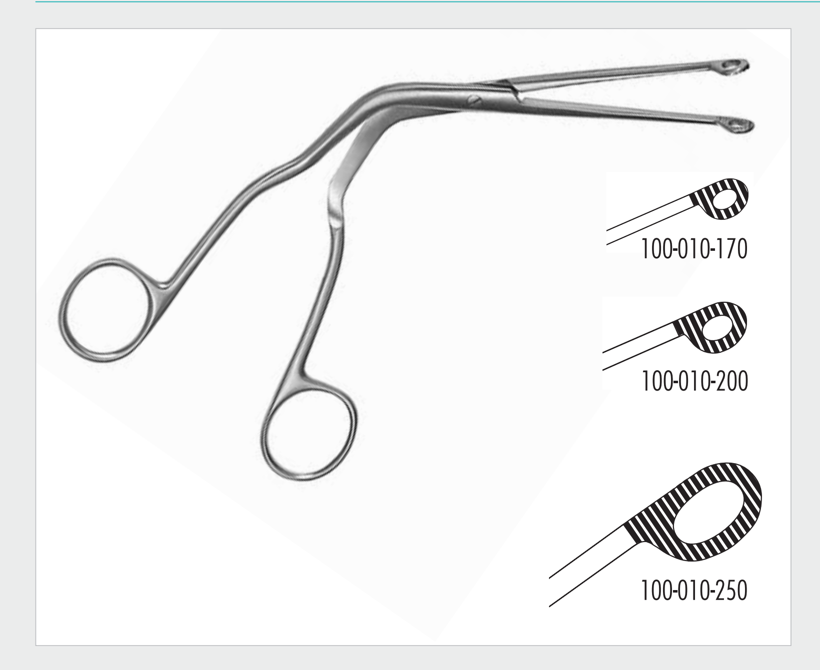


170-701-050
FINSEN
Wundspreizer, 2 x 3 Zähne, stumpf, 50 mm
Tracheal retractor, 2 x 3 teeth, blunt, 2 inch



170-702-070 scharf/sharp
170-703-070 stumpf/blunt
FINSEN
Wundspreizer, 3 x 4 Zähne, scharf, 70 mm
Tracheal retractor, 3 x 4 teeth, sharp, 2 ¾ inch





100-010-170
Magill
Kleinkinder, 170 cm
Small children, 6 ¼ inch

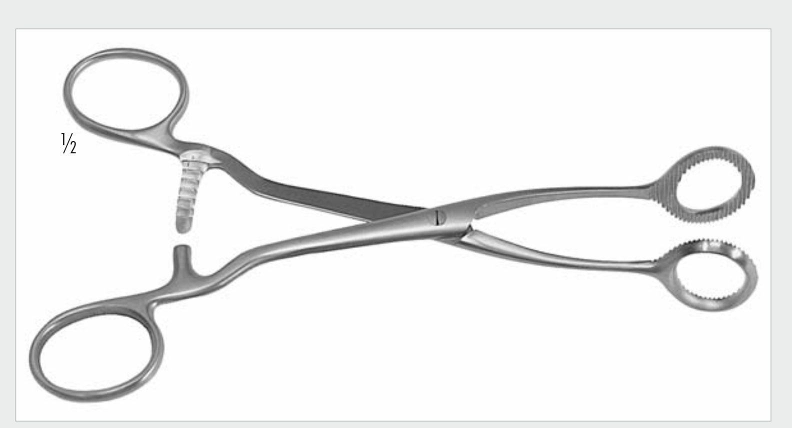
100-010-200
Magill
Kinder, 200 cm
Children, 8 inch

100-010-250
Magill
Erwachsene, 250 cm
Adult, 10 inch



430-467-170
Young
170 cm
6 ¼ inch

430-468-000
Ersatz-Gummi Einsatz, 1 Paar
Spare rubber inserts, 1 pair



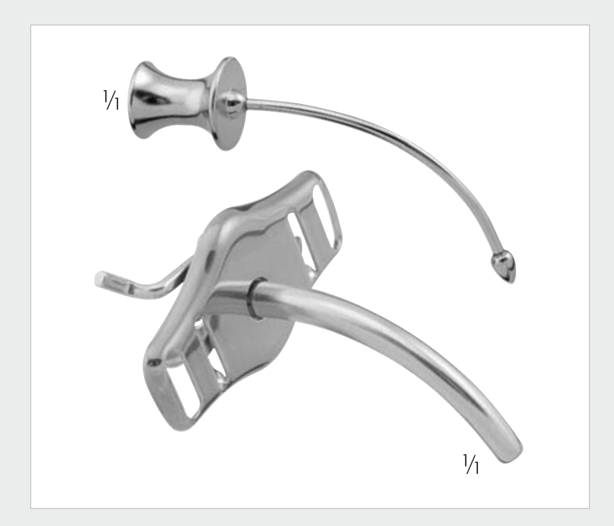
430-465-160 160 mm/6 ½ inch
430-465-170 170 mm/6 ¾ inch
430-465-190 190 mm/7 ½ inch
Collin





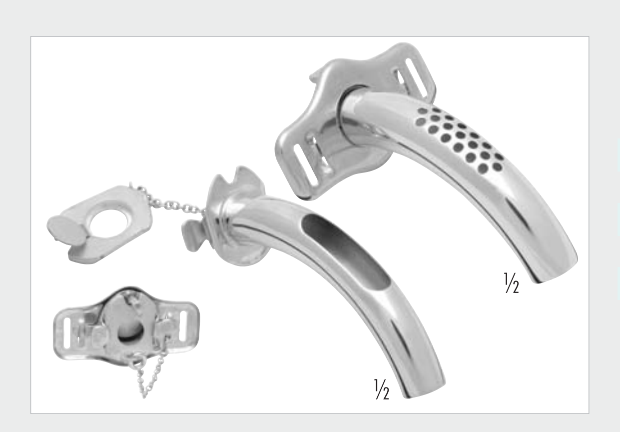
Silber silver	Größe size	Außen-∅ Outside diam.
440-106-000	0	4 mm
440-106-001	1	5 mm
440-106-002	2	6 mm
440-106-003	3	7 mm
440-106-004	4	8 mm
440-106-005	5	9 mm
440-106-006	6	10 mm
440-106-007	7	11 mm
440-106-008	8	12 mm
440-106-009	9	13 mm

LUER
Trachealkanüle
Trachea tube



rostfreier Stahl stainless steel	Silber silver	Größe size	Außen-∅ Outside diam.
440-102-000	440-100-000	0	4 mm
440-102-001	440-100-001	1	5 mm
440-102-002	440-100-002	2	6 mm
440-102-003	440-100-003	3	7 mm
440-102-004	440-100-004	4	8 mm
440-102-005	440-100-005	5	9 mm
440-102-006	440-100-006	6	10 mm
440-102-007	440-100-007	7	11 mm
440-102-008	440-100-008	8	12 mm
440-102-009	440-100-009	9	13 mm

JACKSON
Trachealkanüle, mit Obturator
Trachea tube, with obturator



Silber silver	Größe size	Außen-∅ Outside diam.
440-150-004	4	8 mm
440-150-005	5	9 mm
440-150-006	6	10 mm
440-150-007	7	11 mm
440-150-008	8	12 mm
440-150-009	9	13 mm

LUER
Trachealkanüle mit Sprechventil, Fenster im Innen- und Außenrohr, mit Sicherungskette
Trachea tube with speaking valve, with 2 windows, with safety chain





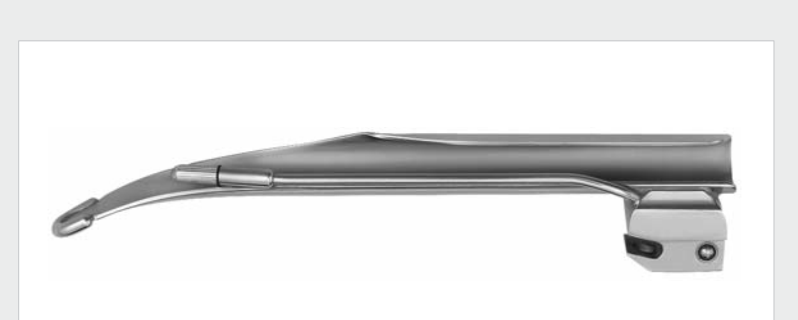
100-210-000 67 mm, Fig. 00
100-210-001 75 mm, Fig. 0
100-210-002 90 mm, Fig. 1
100-210-003 110 mm, Fig. 2
100-210-004 130 mm, Fig. 3
100-210-005 150 mm, Fig. 4
100-210-006 170 mm, Fig. 5

MC INTOSH (English Model)
Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



100-210-010 78 mm, Fig. 0
100-210-011 88 mm, Fig. 1
100-210-012 110 mm, Fig. 2
100-210-013 130 mm, Fig. 3
100-210-014 147 mm, Fig. 3.5
100-210-015 160 mm, Fig. 4

MC INTOSH (American Model)
Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



100-212-000 67 mm, Fig. 00
100-212-001 75 mm, Fig. 0
100-212-002 100 mm, Fig. 1
100-212-003 155 mm, Fig. 2
100-212-004 195 mm, Fig. 3
100-212-005 205 mm, Fig. 4

MILLER
Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



100-214-000 75 mm, Fig. 00
100-214-001 92 mm, Fig. 0
100-214-002 115 mm, Fig. 1
100-214-003 130 mm, Fig. 2
100-214-004 160 mm, Fig. 3
100-214-005 190 mm, Fig. 4

FOREGGER
Warmlicht Layngoskopspatel
Warm-light laryngoscope blade





100-220-001 90 mm, Fig. 1
100-220-002 110 mm, Fig. 2
100-220-003 130 mm, Fig. 3
100-220-004 160 mm, Fig. 4

NEGUS GUEDEL

Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



100-221-002 165 mm, Fig. 2

PHILLIPS

Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



100-300-002 Für/for Fig. 00 bis 0
100-300-001 Für/for Fig. 1 bis 5

Ersatzlämpchen für Spatel
Spare Lamps for blades

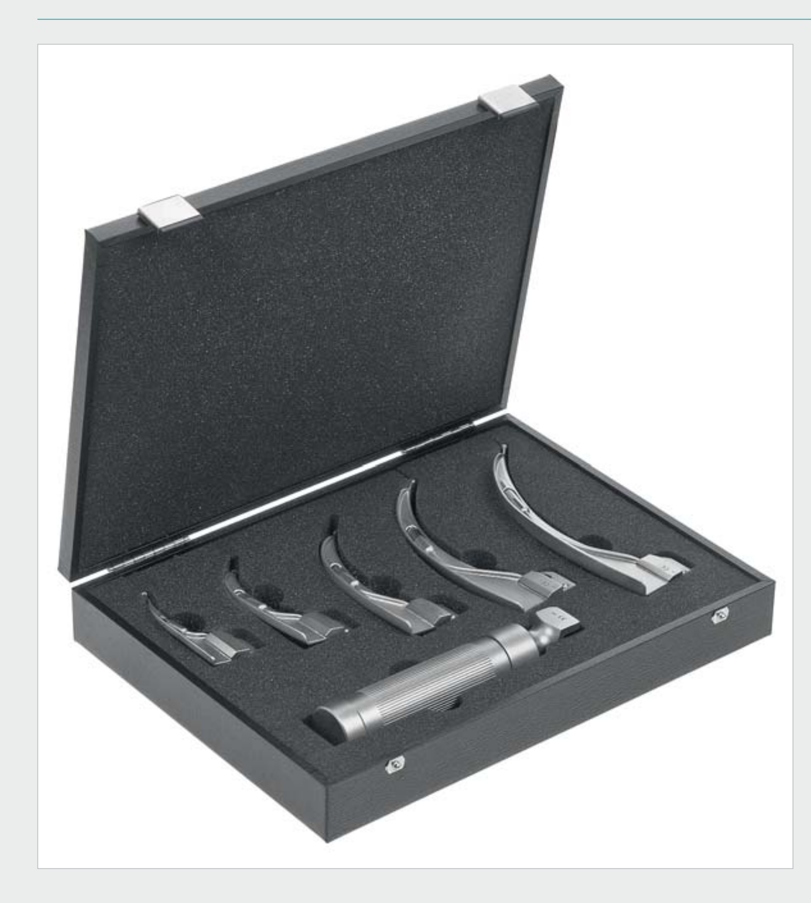


100-250-000
Warmlichtgriff, groß, mit Glühbirne, ohne Batterien
Warm-light handle, large, with bulb, without batteries

100-251-000
Warmlichtgriff, klein mit Glühbirne, ohne Batterien
Warm-Light handle, small, with bulb, without batteries

100-250-002
Warmlichtgriff, groß, mit Glühbirne, ohne Batterien,
Trafo-Anschluss für aufladbare Batterien
Warm-Light handle, large, with bulb, without batteries
Trafo-connection for rechargeable battery





Warmicht Laryngoskop Set im Etui, mit Griff 100-250-000
Warm-light laryngoscope set in Case, with Handle 100-250-000

MC INTOSH (English Model)

100-210-300
5 Spatel/blades, Fig. 0 - 4

100-210-200
4 Spatel/blades, Fig. 1 - 4

100-210-100
3 Spatel/blades, Fig. 1 - 3

MILLER

100-212-300
5 Spatel/blades, Fig. 0 - 4

100-212-200
4 Spatel/blades, Fig. 1 - 4

100-212-100
3 Spatel/blades, Fig. 2 - 4

FOREGGER

100-214-200
5 Spatel/blades, Fig. 0 - 4

100-214-100
4 Spatel/blades, Fig. 1 - 4





100-330-000 60 mm, Fig. 00
100-330-001 75 mm, Fig. 0
100-330-002 90 mm, Fig. 1
100-330-003 110 mm, Fig. 2
100-330-004 130 mm, Fig. 3
100-330-005 150 mm, Fig. 4
100-330-006 170 mm, Fig. 5

MC INTOSH (English Model)
Fiberoptik Layngoskopspatel
Fiberoptic laryngoscope blade



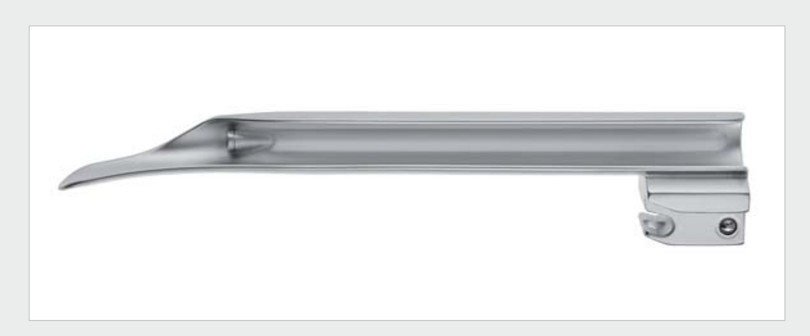
100-330-010 55 mm, Fig. 0
100-330-011 88 mm, Fig. 1
100-330-012 110 mm, Fig. 2
100-330-013 130 mm, Fig. 3
100-330-014 147 mm, Fig. 3.5
100-330-015 160 mm, Fig. 4

MC INTOSH (American Model)
Fiberoptik Layngoskopspatel
Fiberoptic laryngoscope blade



100-211-000 50 mm, Fig. 00
100-211-001 75 mm, Fig. 0
100-211-002 90 mm, Fig. 1
100-211-003 110 mm, Fig. 2
100-211-004 130 mm, Fig. 3
100-211-005 150 mm, Fig. 4

MC INTOSH
Fiberoptik Kaltlicht Layngoskopspatel
Fiberoptic cold-light laryngoscope blade



100-213-000 67 mm, Fig. 00
100-213-001 75 mm, Fig. 0
100-213-002 100 mm, Fig. 1
100-213-003 155 mm, Fig. 2
100-213-004 195 mm, Fig. 3
100-213-005 205 mm, Fig. 4

MILLER
Fiberoptik Kaltlicht Layngoskopspatel
Fiberoptic cold-light laryngoscope blade





100-215-000 75 mm, Fig. 00
100-215-001 92 mm, Fig. 0
100-215-002 115 mm, Fig. 1
100-215-003 130 mm, Fig. 2
100-215-004 160 mm, Fig. 3
100-215-005 190 mm, Fig. 4

FOREGGER

Kalltlicht Layngoskopspatel
Cold-light laryngoscope blade



100-218-003 170 mm, Fig. 3
100-218-004 190 mm, Fig. 4

MC INTOSH

Kalltlicht Layngoskopspatel mit flexibler Spitze
Cold-light laryngoscope blade with flexible tip



100-300-002 Für/for Fig. 00 - 0
100-300-001 Für/for Fig. 1 - 5

Ersatzlämpchen für Spatel
Spare Lamps for blades



100-211-012
Kaltlichtgriff, groß, mit Halogenbirne, ohne Batterien,
Trafo-Anschluss für aufladbare Batterien
Cold-Light handle, large, with halogen bulb, without batteries
Trafo-connection for rechargeable battery

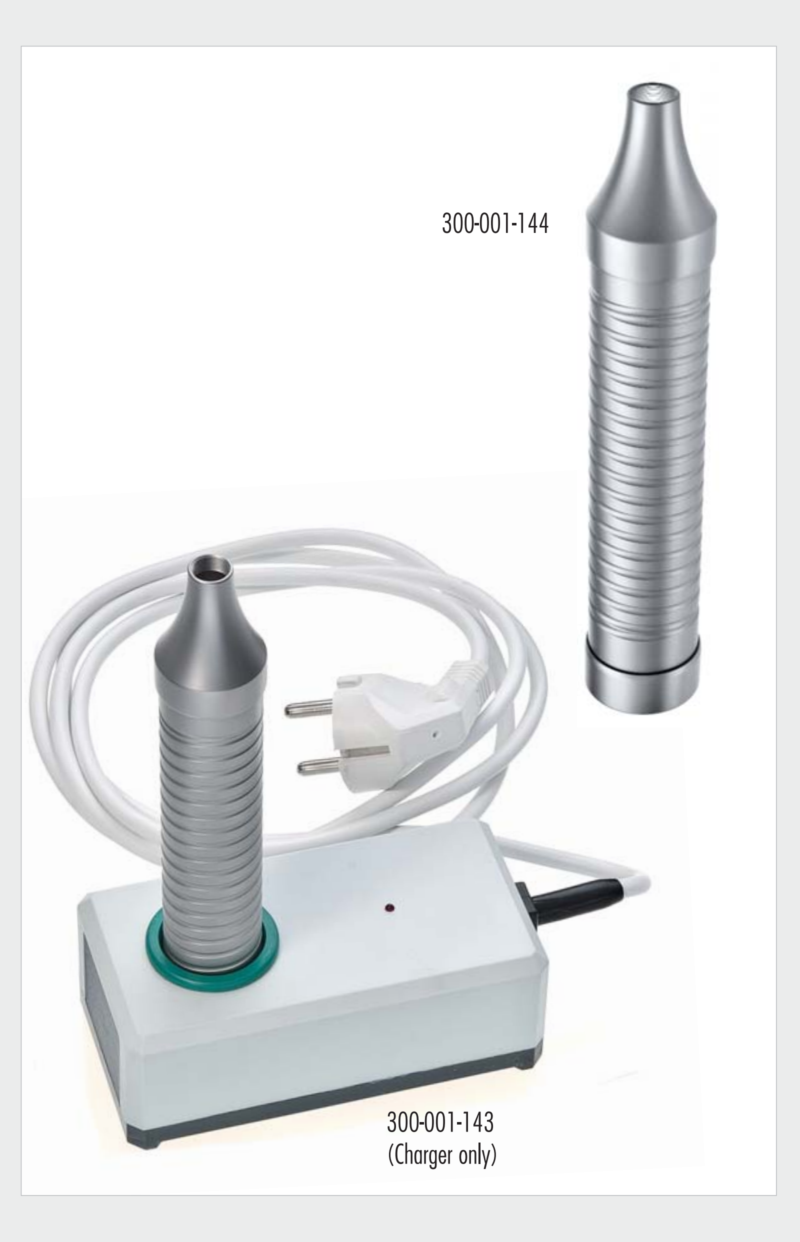
100-211-011
Kaltlichgriff, ∅18mm, mit Halogen Lampe, ohne Batterien
Cold-Light handle, ∅18mm, with halogen-bulb, without batteries

100-211-010
Kaltlichgriff, ∅30mm, mit Halogen Lampe, ohne Batterien
Cold-Light handle, ∅30mm, with halogen-bulb, without batteries





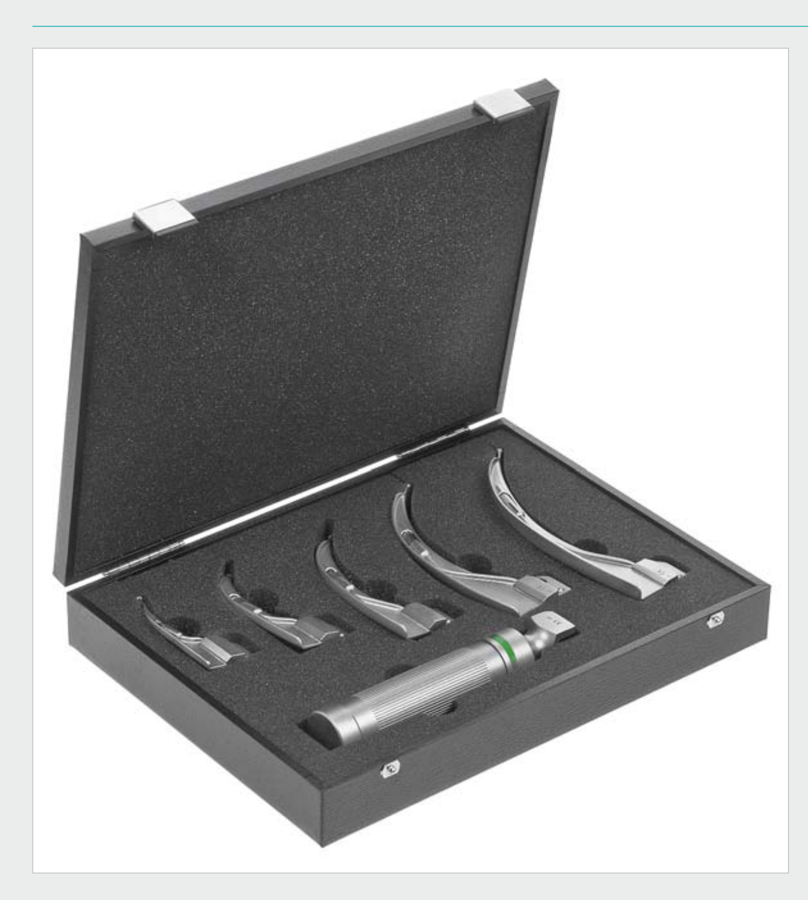
100-211-013
Kaltlichtgriff, ∅ 30mm, LED-Beleuchtung, wiederaufladbar
Cold-light handle, ∅ 30mm, LED illumination, rechargeable



300-001-144
RZ Mobile Kaltlichtgriff für Endoskopie, LED-Beleuchtung, rostfreier Stahl
RZ Mobile cold-Light handle for Erndoscopy, LED illumination, stainless steel

300-001-143 230V
300-001-043 110V
RZ Mobile Ladestation für Kaltlichtgriff, LED Beleuchtung
RZ Mobile charging station for cold-light handle, LED illumination





Kaltlicht Laryngoskop Set im Etui, mit Griff 100-211-010
Cold-light laryngoscope set in Case, with Handle 100-211-010

MC INTOSH (English Model)

100-211-300
5 Spatel/blades, Fig. 0 - 4

100-211-200
4 Spatel/blades, Fig. 1 - 4

100-211-100
3 Spatel/blades, Fig. 1 - 3

MILLER

100-213-300
5 Spatel/blades, Fig. 0 - 4

100-213-200
4 Spatel/blades, Fig. 1 - 4

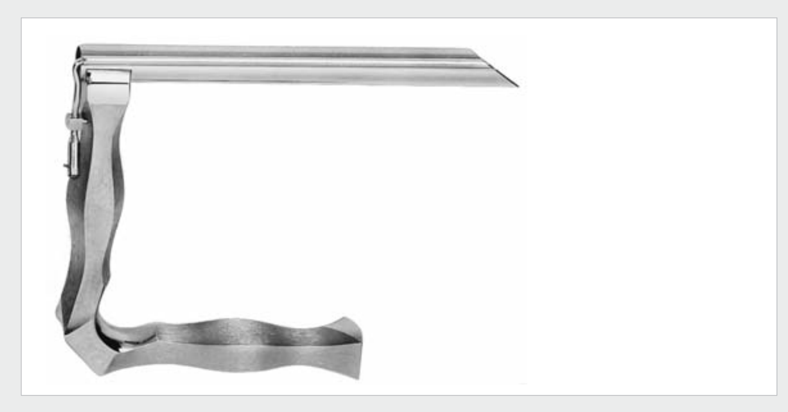
100-213-200
3 Spatel/blades, Fig. 2 - 4

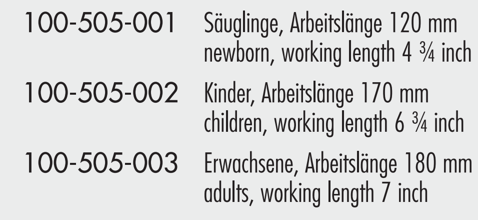
FOREGGER

100-215-200
5 Spatel/blades, Fig. 0 - 4

100-215-100
4 Spatel/blades, Fig. 1 - 4







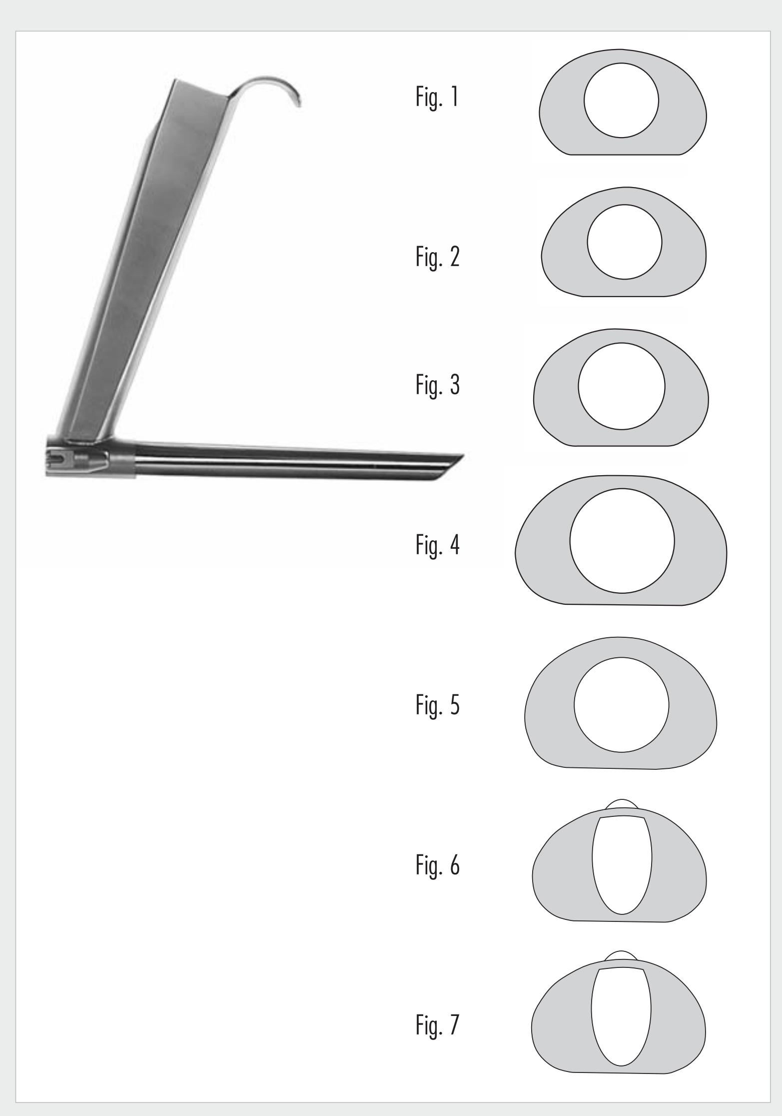
100-505-001	Säuglinge, Arbeitslänge 120 mm newborn, working length 4 ¾ inch
100-505-002	Kinder, Arbeitslänge 170 mm children, working length 6 ¾ inch
100-505-003	Erwachsene, Arbeitslänge 180 mm adults, working length 7 inch

JACKSON
Operationslaryngoskop, mit Fiberglas Lichtträger
Operating laryngoscope, with fiberglass light carrier



100-510-001	Säuglinge, Arbeitslänge 120 mm Babys, working length 4 ¾ inch
100-510-002	Kinder, Arbeitslänge 170 mm Children, working length 6 ¾ inch
100-510-003	Erwachsene, Arbeitslänge 180 mm Adults, working length 7 inch

HOLINGER
Operationslaryngoskop, mit Fiberglas Lichtträger
Operating laryngoscope, with fiberglass light carrier



100-500-001	135 mm, Fig. 1
100-500-002	152 mm, Fig. 2
100-500-003	182 mm, Fig. 3
100-500-004	172 mm, Fig. 4
100-500-005	172 mm, Fig. 5
100-500-006	182 mm, Fig. 6
100-500-007	222 mm, Fig. 7

KLEINSASSER
Operationslaryngoskop
Operation Laryngoscope

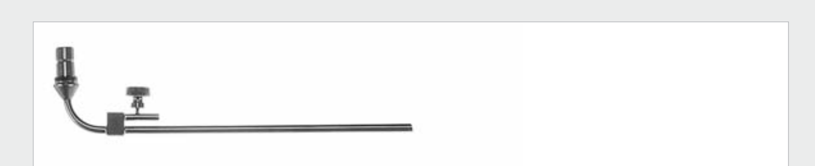




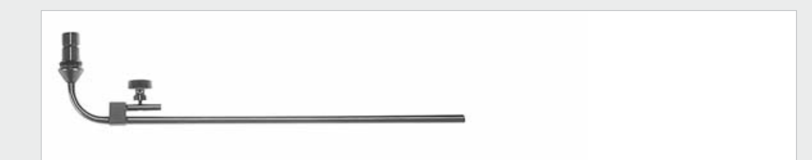
100-500-100
Bruststütze mit Stützstange für Erwachsene, 340 mm
Chest-support with support-rod for adults, 13 ½ inch



100-500-101
Bruststütze mit Stützstange für Kinder, 240 mm
Chest-support with support-rod for children, 9 ½ inch



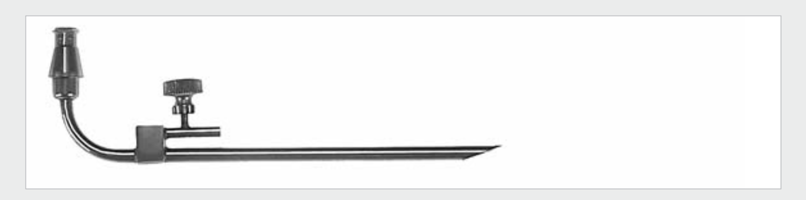
100-500-019 klein/small
Fiberglas-Lichtträger, für Laryngoskope 100-500-001 - 100-500-002
Fibre optic light guide, for Laryngoscopes 100-500-001 - 100-500-002



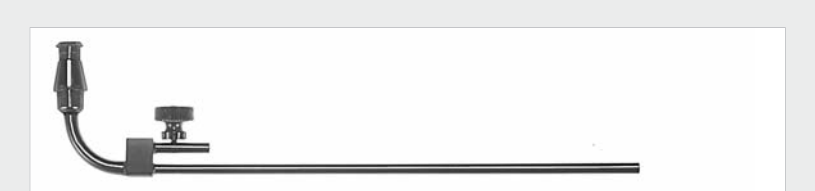
100-500-020 mittel/medium
Fiberglas-Lichtträger, für Laryngoskope 100-500-003 - 100-500-006
Fibre optic light guide, for Laryngoscopes 100-500-003 - 100-500-006



100-500-021 groß/large
Fiberglas-Lichtträger, für Laryngoskop 100-500-007
Fibre optic light guide, for Laryngoscope 100-500-007



100-500-050
Injektionskanüle für Laryngoskope 100-500-001 - 100-500-007
Injections drain tube for Laryngoscopes 100-500-001 - 100-500-007



100-500-075
Rauchabsaugrohr für Laryngoskope
100-500-003 - 100-500-007
Smoke evacuation tube for Laryngoscopes
100-500-001 - 100-500-007





100-500-310

Rhino-Pharyngoskop
mit Quarzglasbildbündelsystem,
ca 2-3 µm Pixelgröße, 7000 Pixel

Parameter/Technische Daten:
- hohe Auflösung
- hervorragende Bedienungseigenschaften
- größere Helligkeit

Arbeitslänge	max. 300 mm
⌀ im Bereich der Arbeitslänge	3,2 mm
2-fach abgewinkelbare Spitze	auf 160° ab 160°
Länge der abwinkelbaren Spitze	20 mm
minimaler Biegeradius	30 mm
Blickrichtung	0°
Bildwinkel	85°
Fokussierung	3 - 60 mm
im Koffer mit Zubehör, u.a. Manometer	

Rhino-Pharyngoscope
with fused silica image guide system,
ca. 2-3 µm pixel size, 7000 pixels

Parameter/Technical Data:
- high resolution
- excellent pushing characteristics
- higher illumination

working length	max. 300 mm
outer ⌀	3.2 mm
2-way tip-deflection	up 160°, down 160°
length of movable tip-section	20 mm
minimal bending radius	30 mm
viewing direction	0°
field of view	85°
focussion	3 - 60 mm
in case with accessories a.o. Manometer	

100-500-380

Rhino-Pharyngoskop
mit konventionellem Bildbündelsystem
12.000 Pixel, 10 µm-Fasern

Parameter/Technische Daten:
- kontrastreiches Bild
- hohe Flexibilität
- einfache Fokussierung

Arbeitslänge	max. 300 mm
⌀ im Bereich der Arbeitslänge	3,8 mm
2-fach abwinkelbare Spitze	auf 125° ab 125°
Länge der abwinkelbaren Spitze	25 mm
minimaler Biegeradius	30 mm
Blickrichtung	0°
Bildwinkel	Weitwinkel
Fokussierung	3 mm bis unendlich
im Koffer mit Zubehör, u.a. Manometer	

Rhino-Pharyngoscope
with conventional image guide system,
12.000 pixels, 10 µm-fibres

Parameter/Technical Data:
- high-contrast image
- high flexibility
- easy to focus

working length	max. 300 mm
outer ⌀	3.8 mm
2-way tip-deflection	up 125°, down 125°
length of movable tip-section	25 mm
minimal bending radius	30 mm
viewing direction	0°
field of view	wide angle
focussion	3 mm to infinity
in case with accessories a.o. Manometer	

Vollständig gassterilisierbar (ETO/Formaldehyd) und in Desinfektionsmittel einlegbar.
Fully soakable, ETO, gas sterilizable





100-500-385

Die Rhino-Pharyngoskope der neuen Generation sind intuitiv bedienbar und ergonomisch optimal geformt, entwickelt für die notwendige Feinfühligkeit im täglichen Routineeinsatz und ein ermüdungsfreies Handling. Hochwertige Bildleiter und ein leistungsfähiges optisches System liefern große und helle Bilder bester Auflösung – die Voraussetzung für eine sichere Diagnose und Therapie.

Dank solider Verarbeitung und konsequenter Verwendung moderner Hochleistungswerkstoffe sind Rhino-Pharyngoskope robuster und langlebiger – trotz steigender Belastung durch moderne Aufbereitungsverfahren.
Funktionelles Design für ein entspanntes, angenehmes Handling, feinfühlige aber robuste Steuerung.

Optimale Flexibilität und Torsionssteifigkeit des Einführschafts, leistungsfähiges optisches System, größere, hellere, schärfere Bilder.

Geeignete Wiederaufbereitungsverfahren:
- einlegbar in Reinigungs- und Desinfektionslösung
- STERRAD®
- STERIS®
- ETO
- maschinelle Aufbereitung (RDG-E)

Rhino-Pharyngoskop **mit Arbeitskanal** und ETO-Ventil

Einführschlauch:	4,0 mm
Arbeitslänge:	320 mm
Abwinklung:	auf/ab 130°
Blickfeld:	80°
Tiefenschärfe:	1-50 mm

Zubehör:
ETO-Kappe
Dichtigkeitstester
Adapter Storz/Olympus
Adapter Wolf
PE-Zange 1,0 mm x 800 mm
Reiningungsbürste 1,5 mm x 1100 mm
Kappe für Arbeitskanal

The Rhino-Pharyngoscopes of the new generation allow an intuitive handling: They have been developed in order to meet the required sensitivity in the daily use.

High-quality fibres and a powerful optical system provide great and bright pictures of best resolution – the main condition for a save diagnosis and therapy.

Thanks to the stable manufacture out of modern high-standard material, our Rhino-Pharyngoscopes are very robust and durable – despite growing imposition through modern preparation methods. The functional design offers a relaxed, comfortable handling due to its ergonomic shape under a sensitive but robust control.

Optimal flexibility and torsion rigidity of the sheath.

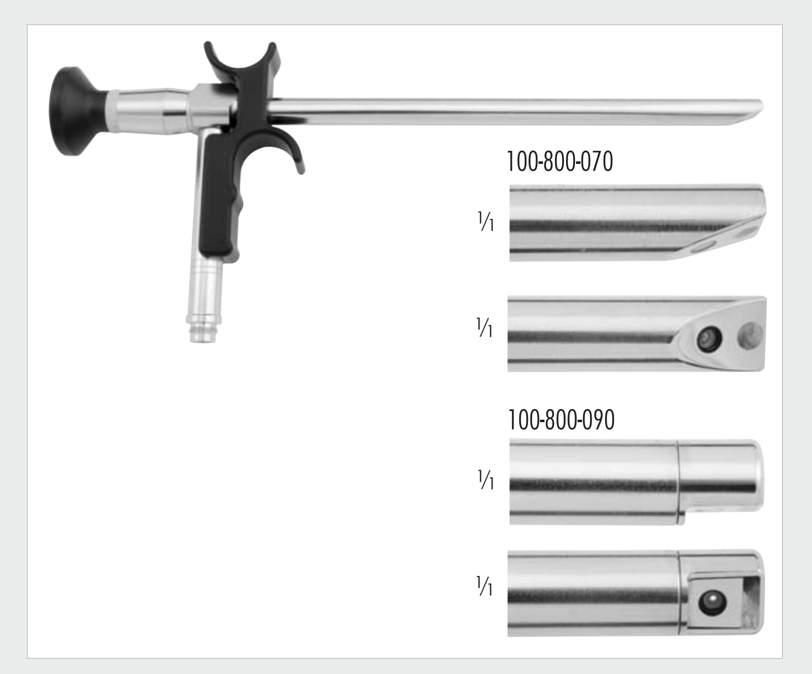
Suitable preparation methods:
- Solution for cleaning or disinfection
- STERRAD®
- STERIS®
- ETO
- Automatic preparation (RDG-E)

Rhino-Pharyngoscope **with working channel** and ETO valve

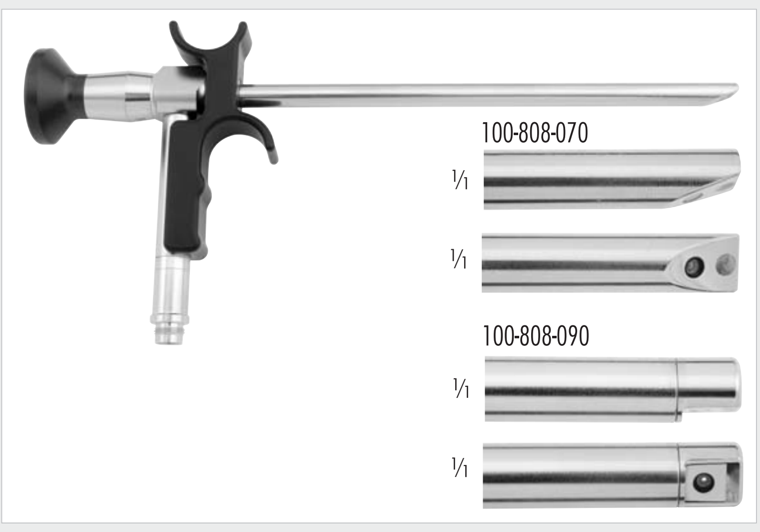
Insertion tube:	4.0 mm
Working length:	12 ½ inch
Max bending:	up/down 130°
Field of view:	80°
Depth of field:	1-50 mm

Accessories:
ETO valve
Leakage tester
Adaptor Storz/Olympus
Adaptor Wolf
PE-Forceps 1.0 mm x 800 mm
Cleaning Brush 1.5 mm x 1100 mm
Sealing cap for working channel

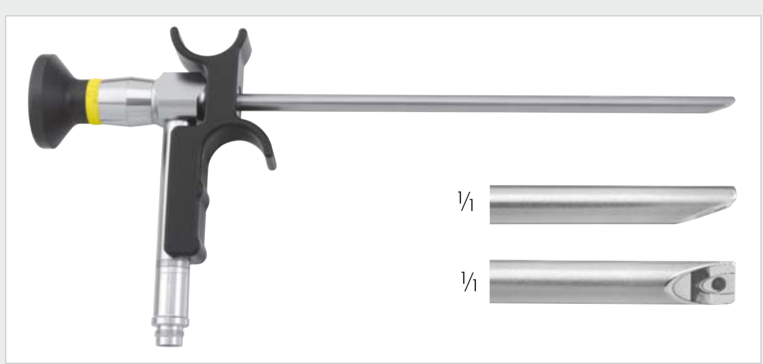




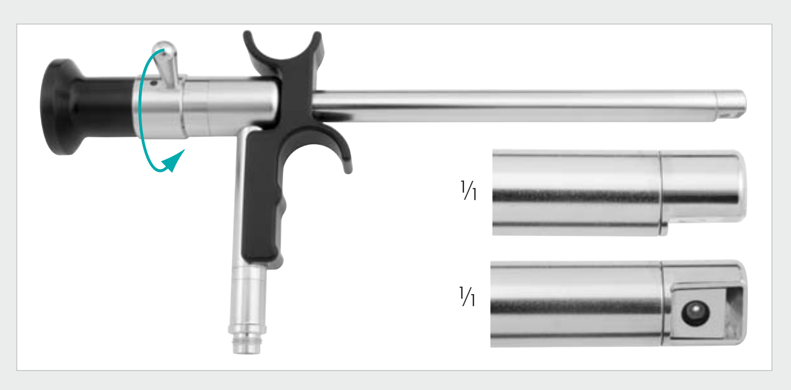
100-800-070   70°
100-800-090   90°
Laryngo-Pharyngoskop, autoklavierbar, ∅ 11 mm, 190 mm
Laryngo-Pharyngoscope, autoclavable, ∅ 11 mm, 7 ½ inch



100-808-070   70°
100-808-090   90°
Laryngo-Pharyngoskop, autoklavierbar, ∅ 8 mm, 190 mm
Laryngo-Pharyngoscope, autoclavable, ∅ 8 mm, 7 ½ inch

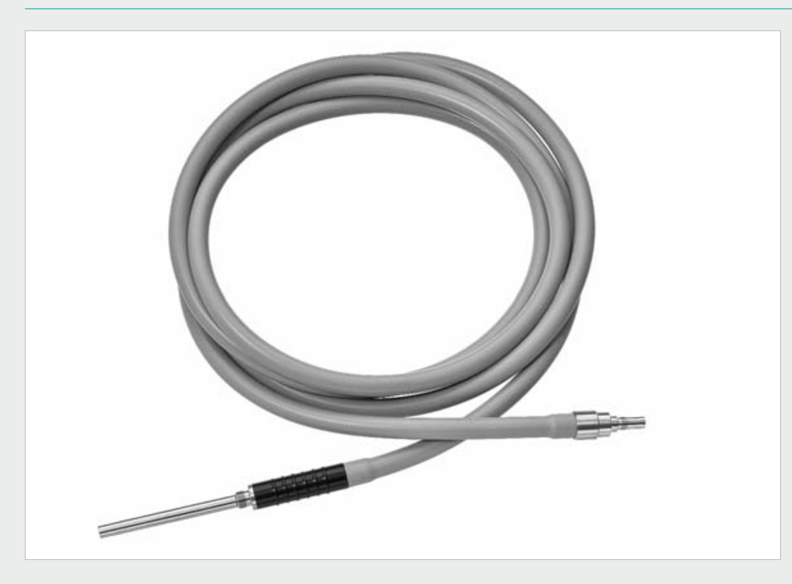


100-805-070   ∅ 5 mm
100-806-070   ∅ 6 mm
Zoom-Laryngo-Pharyngoskop, autoklavierbar, 70°, 190 mm
Zoom-Laryngo-Pharyngoscope, autoclavable, 70°, 7 ½ inch

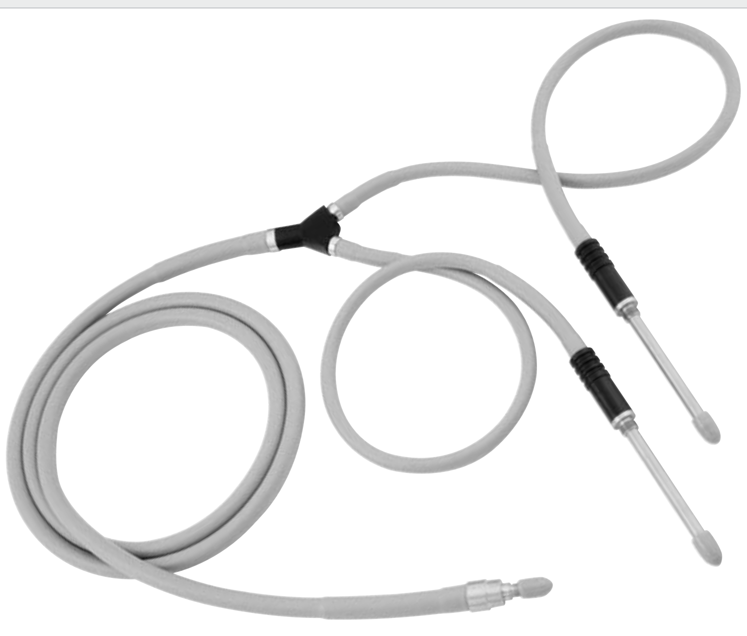


100-810-090
Zoom-Laryngo-Pharyngoskop, autoklavierbar, ∅ 10 mm, 90°, 190 mm
Zoom-Laryngo-Pharyngoscope, autoclavable, ∅ 10 mm, 90°, 7 ½ inch





250-035-180 ∅ 3,5 mm, 1800 mm
250-035-230 ∅ 3,5 mm, 2300 mm
250-035-300 ∅ 3,5 mm, 3000 mm
250-048-180 ∅ 4,8 mm, 1800 mm
250-048-230 ∅ 4,8 mm, 2300 mm
250-048-300 ∅ 4,8 mm, 3000 mm
RZ
Hochentwickeltes Xenon Lichtleiterkabel mit eingebautem Glasstab für hohe Temperaturwiederstandsfähigkeit
Advanced High Temperature Xenon Light cable with built-in glass rod



250-053-180 ∅ 3,5 mm, 1800 mm
250-053-230 ∅ 3,5 mm, 2300 mm
250-051-180 ∅ 4,8 mm, 1800 mm
250-051-230 ∅ 4,8 mm, 2300 mm
RZ
Kaltlichtleitkabel, mit 2 Lichteingängen und 1 Lichtausgang, ohne Adapter (Seite 30)
Cold light cable, with 2 light inputs and 1 light output, without adaptor pieces (page 30)



250-054-180 ∅ 3,5 mm, 1800 mm
250-054-230 ∅ 3,5 mm, 2300 mm
250-055-180 ∅ 4,8 mm, 1800 mm
250-055-230 ∅ 4,8 mm, 2300 mm
RZ
Kaltlichtleitkabel, mit 1 Lichteingang und 2 Lichtausgangen, ohne Adapter (Seite 30)
Cold light cable, with 1 light input and 2 light outputs, without adaptor pieces (page 30)



Adapter für Lichtleitkabel zum Anschluß an das Teleskop
Adaptor pieces for fibre light guide to use with telescope

RZ/Storz/Olympus

250-042-000

Wolf

250-040-000

ACMI/British Standard

250-041-000

Adapter für Lichtleitkabel zum Anschluß an die Lichtquelle
Adaptor pieces for fibre light guide to use with lightsource

RZ/Storz

250-039-000

Wolf

250-037-000

ACMI/British Standard/CUDA

250-038-000

Olympus

250-044-000

Luxtec

250-048-000

Olympus - Standard

250-045-000

Stryker

250-051-000

Heine

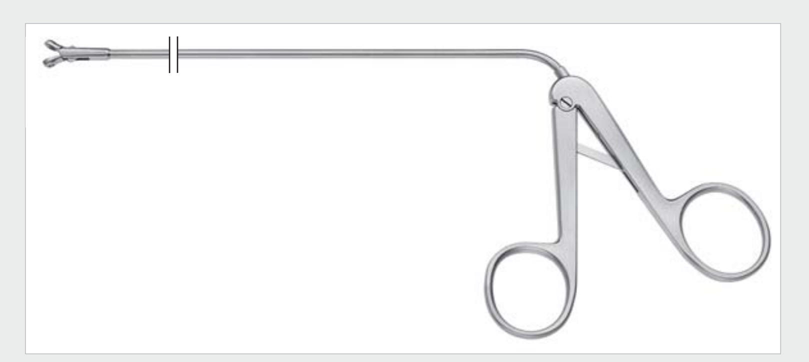
250-052-000

Pentax

250-059-000

Bestellbeispiel/Ordering Example:

Lichtleitkabel, 4.8mm x 2300 mm für RZ-Teleskop und RZ-Lichtquelle = 250-048-230 + 250-039-000 + 250-042-000
Light guide, 4.8 mm x 2300 mm for RZ-Telescope and RZ-Lightsource = 250-048-230 + 250-039-000 + 250-042-000



100-700-030
Laryngoskopie-Biopsiezange, schweres Modell, 5mm Löffelmaul, gerade, doppelbeweglich, 23cm
Laryngoscopic-Biopsyforceps heavy, with round 5mm cupped jaws, double action, 9 inch

100-704-230
Laryngoskopie-Biopsiezange, schweres Modell, 3x4mm Löffelmaul, gerade, einfach beweglich, 23cm
Laryngoscopic-Biopsyforceps heavy, with 3x4mm cupped jaws, single action, 9 inch



Löffelzängchen, 2 mm und 4 mm, Standardmodell, konischer Rohrschaft, Arbeitslänge: 230 mm
Cupped forceps with round 2 mm and 4 mm cupped, jaws, conical tubular shaft, working length: 9 inch

100-700-001
100-700-101
100-700-002
100-700-102
100-700-003
100-700-103
100-700-004
100-700-104
100-700-005
100-700-006
100-700-007
100-700-008

2 mm

100-700-001	gerade/straight
100-700-002	aufgebogen/curved upwards
100-700-003	rechts gebogen/curved right
100-700-004	links gebogen/curved left
100-700-005	rechts aufgebogen/curved upwards right
100-700-006	links aufgebogen/curved upwards left
100-700-007	horizontal, nach rechts öffnend/horizontal curved right opening
100-700-008	horizontal, nach links öffnend/horizontal curved left opening

4 mm

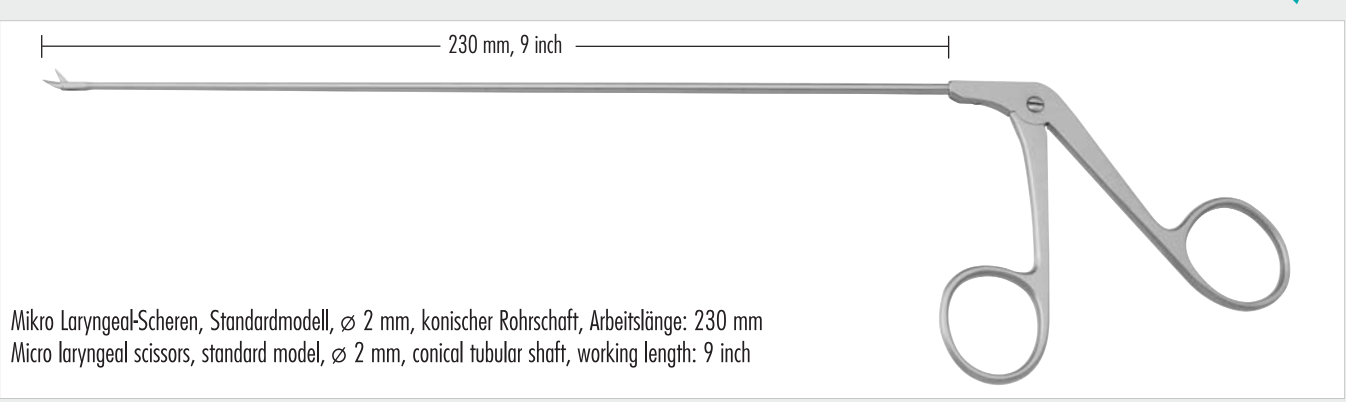
100-700-101	gerade, straight
100-700-102	aufgebogen/curved upwards
100-700-103	rechts gebogen/curved right
100-700-104	links gebogen/curved left

100-700-020
100-700-021
100-700-022
100-700-023
100-700-024
100-700-025
100-700-026

Faßzängchen, Standardmodell, konischer Rohrschaft 2 mm, Nutzlänge 23 mm
Alligator forceps, standard model, conical tubular shaft 2 mm, working length 9 inch

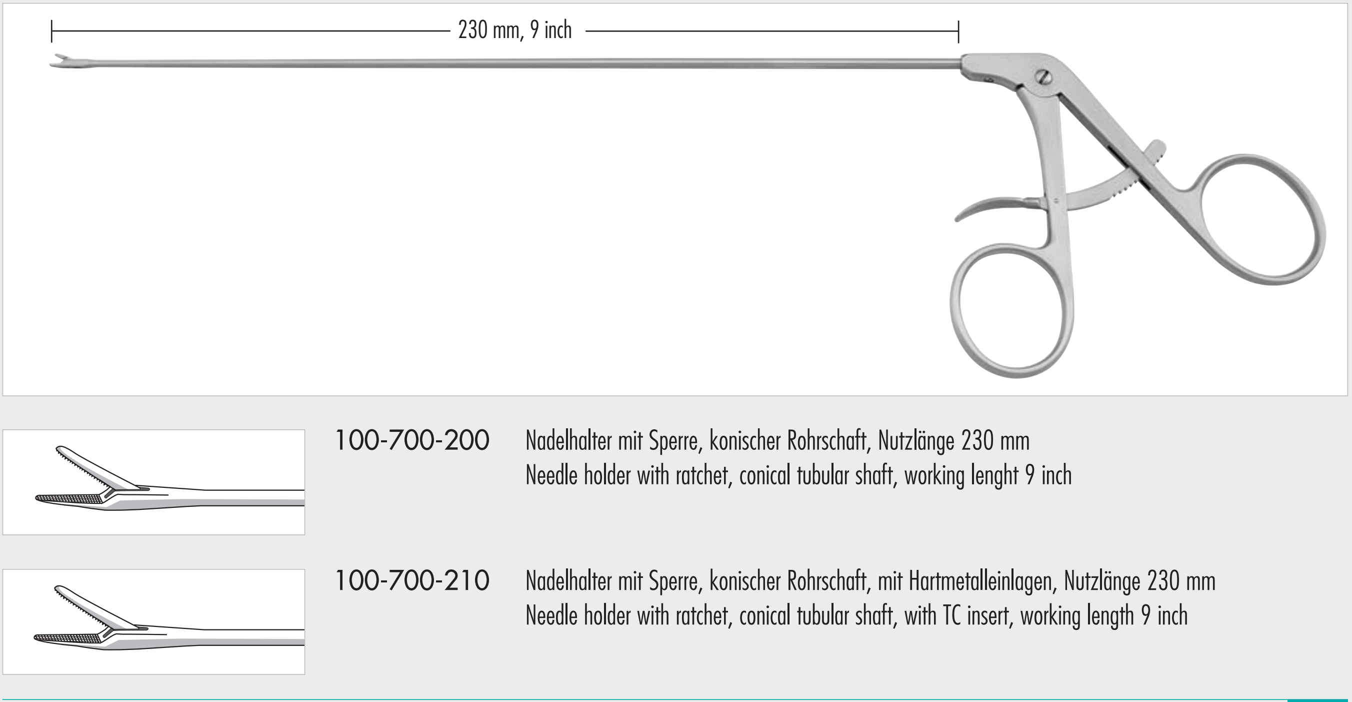
100-700-020	gerieft, gerade/serrated, straight
100-700-021	nach rechts gebogen/curved right
100-700-022	nach links gebogen/curved left
100-700-023	aufgebogen/curved upwards
100-700-024	mit dreieckigem Maul, nach rechts aufgebogen/with triangular jaws, curved upwards right
100-700-025	mit dreieckigem Maul, nach links aufgebogen/with triangular jaws, curved upwards left
100-700-026	mit dreieckigem Maul, gerade/with triangular jaws, straight





Mikro Laryngeal-Scheren, Standardmodell, ⌀ 2 mm, konischer Rohrschaft, Arbeitslänge: 230 mm
Micro laryngeal scissors, standard model, ⌀ 2 mm, conical tubular shaft, working length: 9 inch

100-700-050	gerade/straight
100-700-051	45° aufgebogen/upcurved
100-700-052	rechts gebogen/curved right
100-700-053	links gebogen/curved left
100-700-054	gerade, horizontal schneidend/straight, horizontal cutting



100-700-200	Nadelhalter mit Sperre, konischer Rohrschaft, Nutzlänge 230 mm Needle holder with ratchet, conical tubular shaft, working lenght 9 inch
100-700-210	Nadelhalter mit Sperre, konischer Rohrschaft, mit Hartmetalleinlagen, Nutzlänge 230 mm Needle holder with ratchet, conical tubular shaft, with TC insert, working length 9 inch





Paediatrie Laryngeal Zangen nach Kleinsasser, konischer Rohrschaft, Arbeitslänge: 180 mm
Pediatric laryngeal forceps, Kleinsasser design, conical tubular shaft, working length: 7 inch

Löffelzängchen/Cupped Forceps

100-712-001	2 mm, gerade/straight
100-712-002	3 mm, gerade/straight
100-712-003	2 mm, aufgebogen/curved upwards
100-712-004	3 mm, aufgebogen/curved upwards

Alligator Zange, gerieft/Alligator Forceps, serrated

100-712-005	gerade/straight
100-712-013	aufgebogen/curved upwards

Schere/Scissors

100-712-006	gerade/straight
100-712-007	45° abgewinkelt/45° angled
100-712-008	rechts gebogen/curved right
100-712-009	links gebogen/curved left



230 mm, 9 inch

Mini-Löffelzängchen, 1,0 mm, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature cupped forceps, 1.0 mm, very delicate, conical tubular shaft, working length: 9 inch

100-710-001	gerade/straight
100-710-002	aufgebogen/curved upwards
100-710-003	nach rechts gebogen/curved right
100-710-004	nach links gebogen/curved left
100-710-005	nach rechts aufgebogen/curved upwards right
100-710-006	nach links aufgebogen/curved upwards left

Mini-Faßzängchen, gerieft, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature forceps, serrated, very delicate, conical tubular shaft, working length: 9 inch

100-710-020	gerade/straight
100-710-021	nach rechts gebogen/curved right
100-710-022	nach links gebogen/curved left
100-710-023	aufgebogen/curved upwards

Mini-Scherchen, extra fein, konischer Rohrschaft, Nutzlänge 230 mm
Miniature Scissors, very delicate, conical tubular shaft, working length 9 inch

100-710-050	gerade/straight
100-710-051	45° aufgebogen/angled 45°
100-710-052	nach rechts gebogen/curved right
100-710-053	nach links gebogen/curved left



230 mm, 9 inch

100-725-001 bis
100-725-008

100-715-001 bis
100-715-008

Instrumente für Laryngoskopie, distales Ende aufgebogen für die vordere Kommissur, konischer Rohrschaft, Arbeitslänge: 230 mm
Laryngeal instruments, distal end angled up for anterior commissure, conical tubular shaft, working length: 9 inch

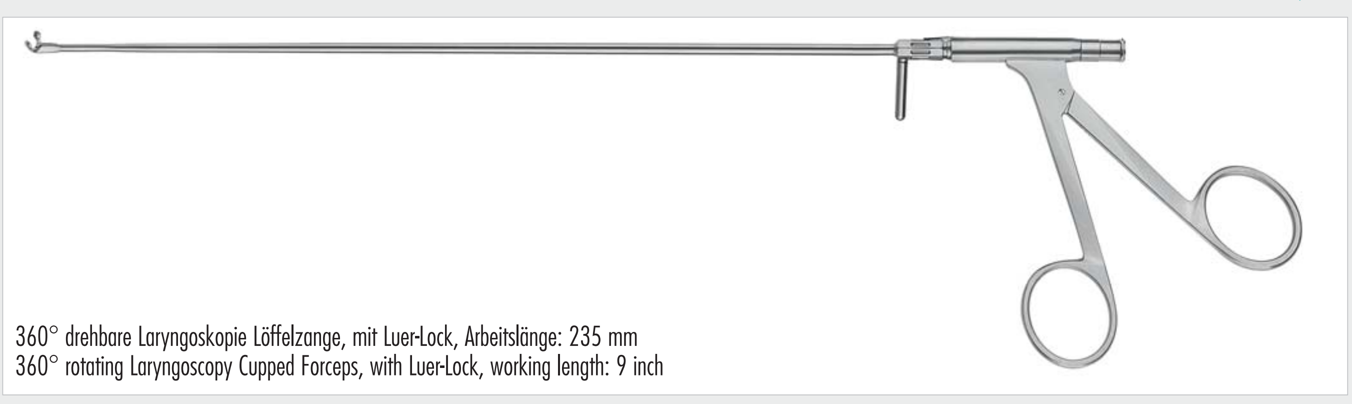
Löffelzängchen/cupped forceps, ∅ 2.0 mm

100-715-001	gerade/straight
100-725-001	gerade, Daumenkontrolle/straight, thumb control
100-715-002	aufgebogen/curved upwards
100-725-002	aufgebogen, Daumenkontrolle/curved upwards, thumb control
100-715-003	nach rechts gebogen/curved right
100-725-003	nach rechts gebogen, Daumenkontrolle/curved right, thumb control
100-715-004	nach links gebogen/curved left
100-725-004	nach links gebogen, Daumenkontrolle/curved left, thumb control

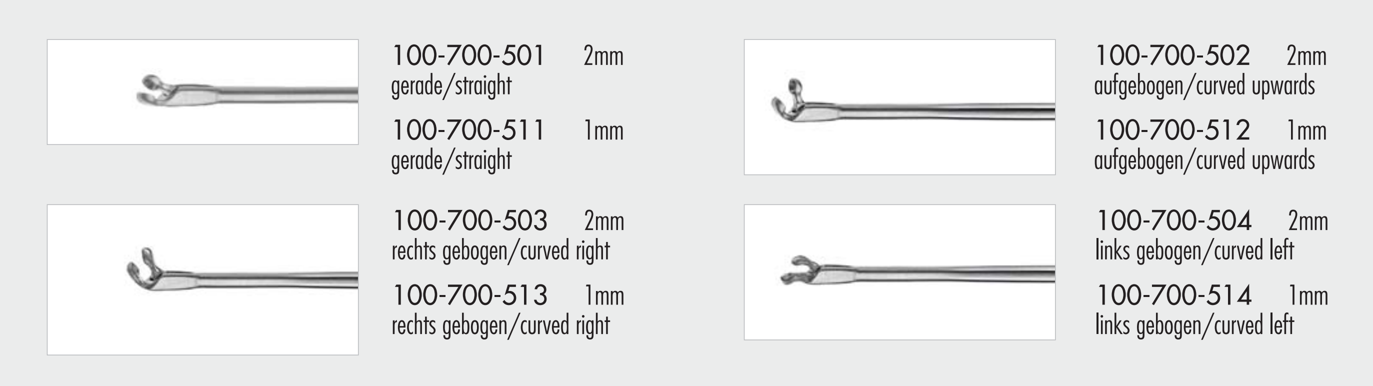
Schere/Scissors

100-715-005	gerade/straight
100-725-005	gerade, Daumenkontrolle/straight, thumb control
100-715-006	45° aufgebogen/45° angled upwards
100-725-006	45° aufgebogen, Daumenkontrolle/45° angled upwards, thumb control
100-715-007	nach rechts gebogen/curved right
100-725-007	nach rechts gebogen, Daumenkontrolle/curved right, thumb control
100-715-008	nach links gebogen/curved left
100-725-008	nach links gebogen, Daumenkontrolle/curved left, thumb control





360° drehbare Laryngoskopie Löffelzange, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Cupped Forceps, with Luer-Lock, working length: 9 inch



100-700-501 2mm
gerade/straight

100-700-511 1mm
gerade/straight

100-700-502 2mm
aufgebogen/curved upwards

100-700-512 1mm
aufgebogen/curved upwards

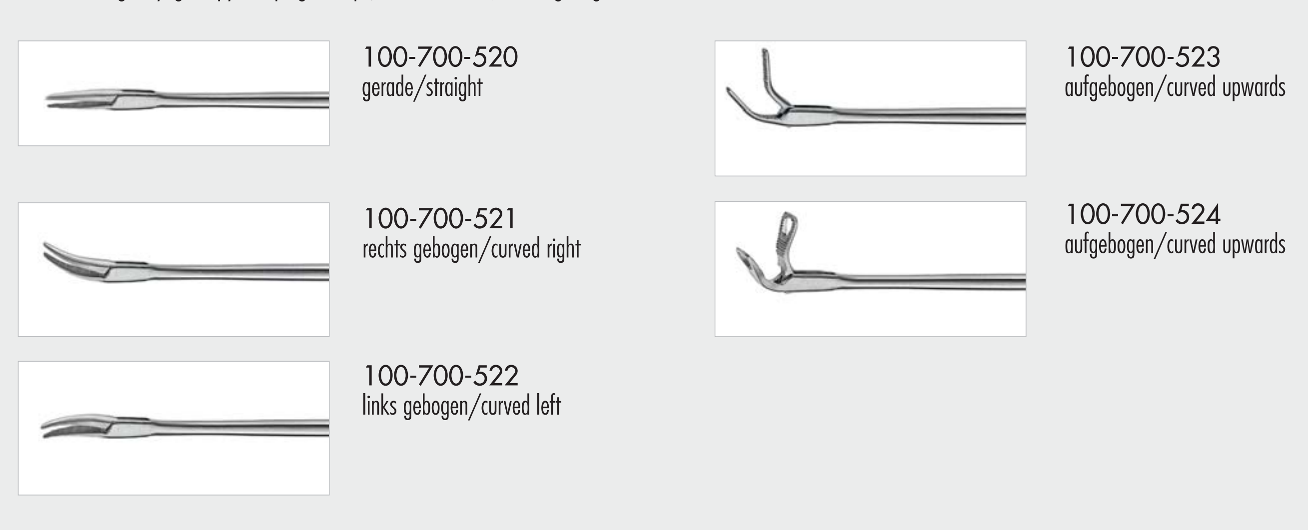
100-700-503 2mm
rechts gebogen/curved right

100-700-513 1mm
rechts gebogen/curved right

100-700-504 2mm
links gebogen/curved left

100-700-514 1mm
links gebogen/curved left

360° drehbare Laryngoskopie Fasszange, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Grasping Forceps, with Luer-Lock, working length: 9 inch



100-700-520
gerade/straight

100-700-523
aufgebogen/curved upwards

100-700-521
rechts gebogen/curved right

100-700-524
aufgebogen/curved upwards

100-700-522
links gebogen/curved left

360° drehbare Laryngoskopie Schere, mit Luer-Lock, Arbeitslänge: 235 mm
360° rotating Laryngoscopy Scissors, with Luer-Lock, working length: 9 inch



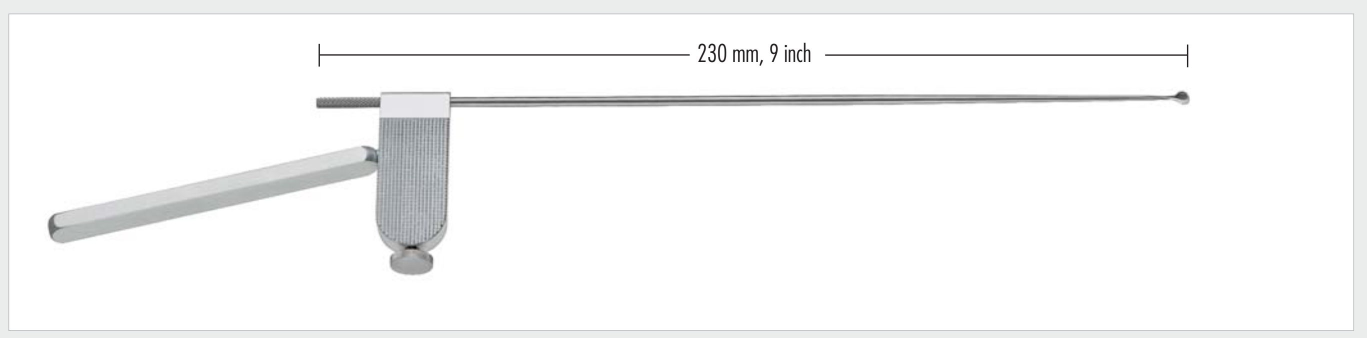
100-700-550
gerade/straight

100-700-551
aufgebogen/curved upwards

100-700-552
rechts gebogen/curved right

100-700-553
links gebogen/curved left





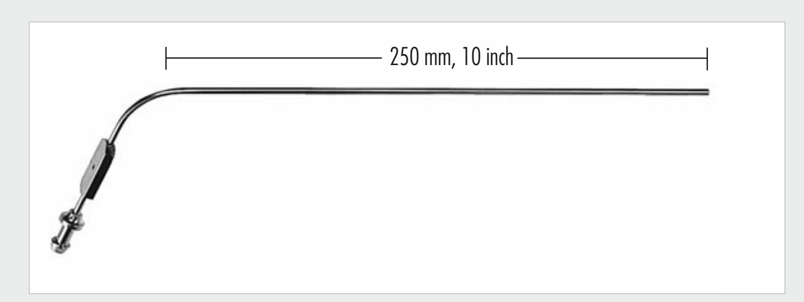
100-850-001 - 100-850-012

Instrumente zur endolaryngealen Mikrochirurgie, Arbeitslänge: 230 mm
Laryngeal Instruments for Microsurgery, working length: 9 inch

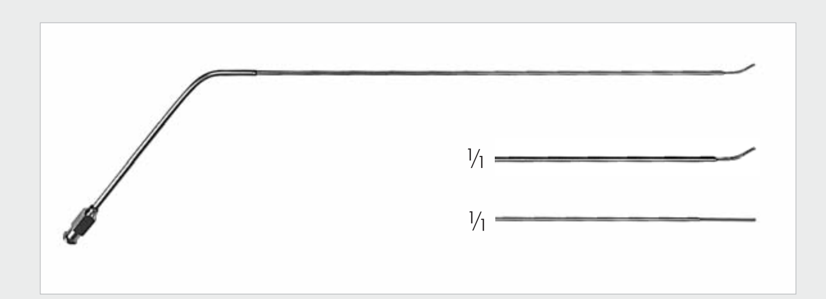
100-850-000
Handgriff, alleine
Handle, only

Art.-No.	Beschreibung / Description
100-850-001	Messer, rund, ⌀ 2,5 mm, 45° abgewinkelt Knife, round, ⌀ 2.5 mm, 45° angled
100-850-002	Messer, rund, vertikal schneidend Knife, round, vertical cutting
100-850-003	Messer, oval, gerade Knife, oval, straight
100-850-004	Messer, sichelförmig Knife, sickle shaped
100-850-005	Messer, golfstockförmig Knife, golfstick shaped
100-850-006	Häkchen, stumpf, mit Sondenknopf Hook, blunt, with probe end
100-850-007	Häkchen, scharf Hook, sharp
100-850-008	Unterbindungsnadel, nach rechts gebogen Ligature Needle, curved to right
100-850-009	Unterbindungsnadel, nach links gebogen Ligature Needle, curved to left
100-850-010	Saugelevator Elevator with suction channel
100-850-011	Knotenführer Knot guide
100-850-012	Häkchen, 90°, mit Sondenknopf Hook with probe end, 90° angled

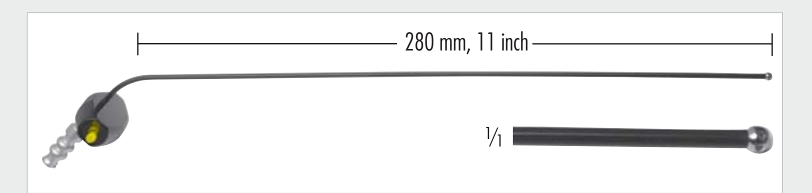




100-860-020 ⌀ 2.0 mm
100-860-025 ⌀ 2.5 mm
100-860-030 ⌀ 3.0 mm
Saugrohr, Arbeitslänge: 250 mm
Suction tube, working length: 10 inch



100-861-001 gebogene Spitze/curved tip
100-861-002 gerade Spitze/straight tip
Injektionsnadel, mit Luer-Lock
Injection needle, with Luer-Lock



100-862-030 2,5 mm, 280 mm, 11 inch
100-864-030 5,0 mm, 270 mm, 10 ½ inch

Saug- und Koagulationsrohr, **isoliert**, mit monopolarem Anschluß, abgewinkelt

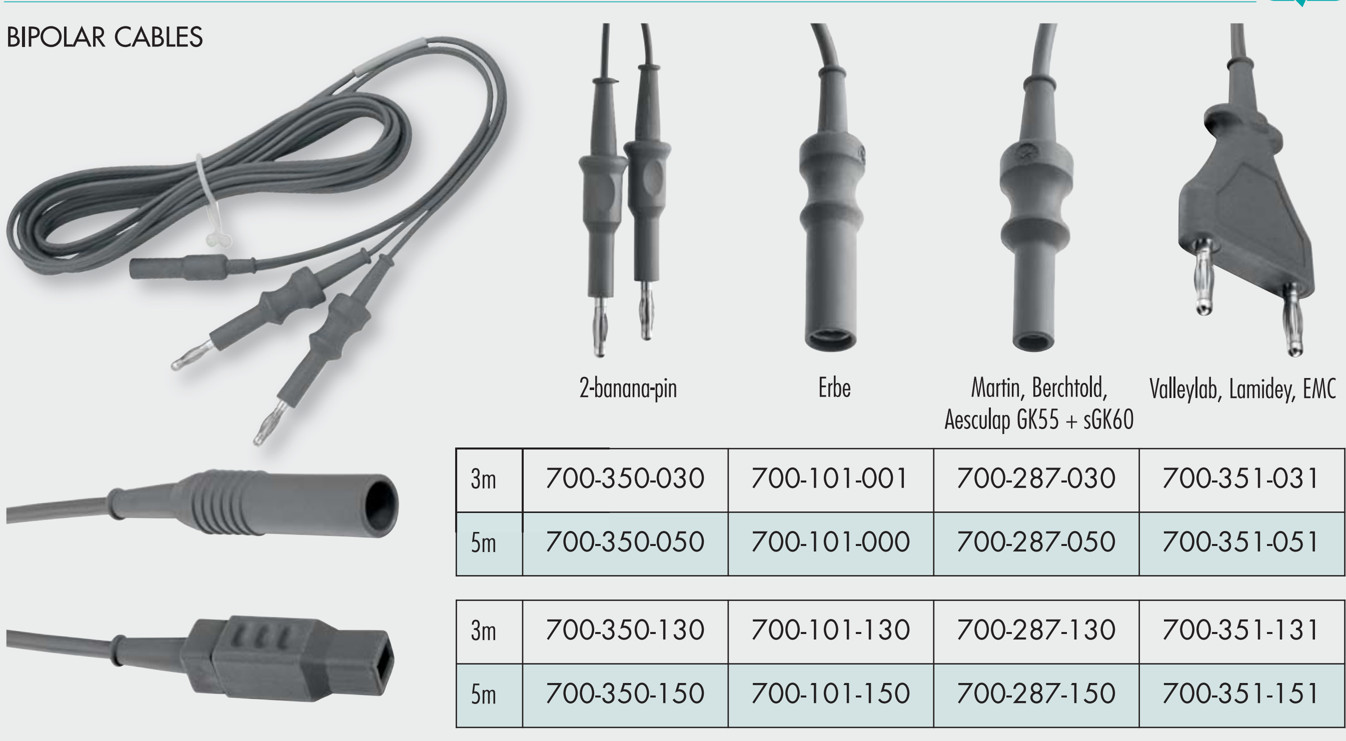
Insulated cannula for suction and coagulation, **insulated**, with monopolar connection, angled



100-870-000 Fig. 0, für Kinder/ for children
100-870-001 Fig. 1
100-870-002 Fig. 2
100-870-003 Fig. 3
Zahnschutz aus Metall
Teeth protector, metal



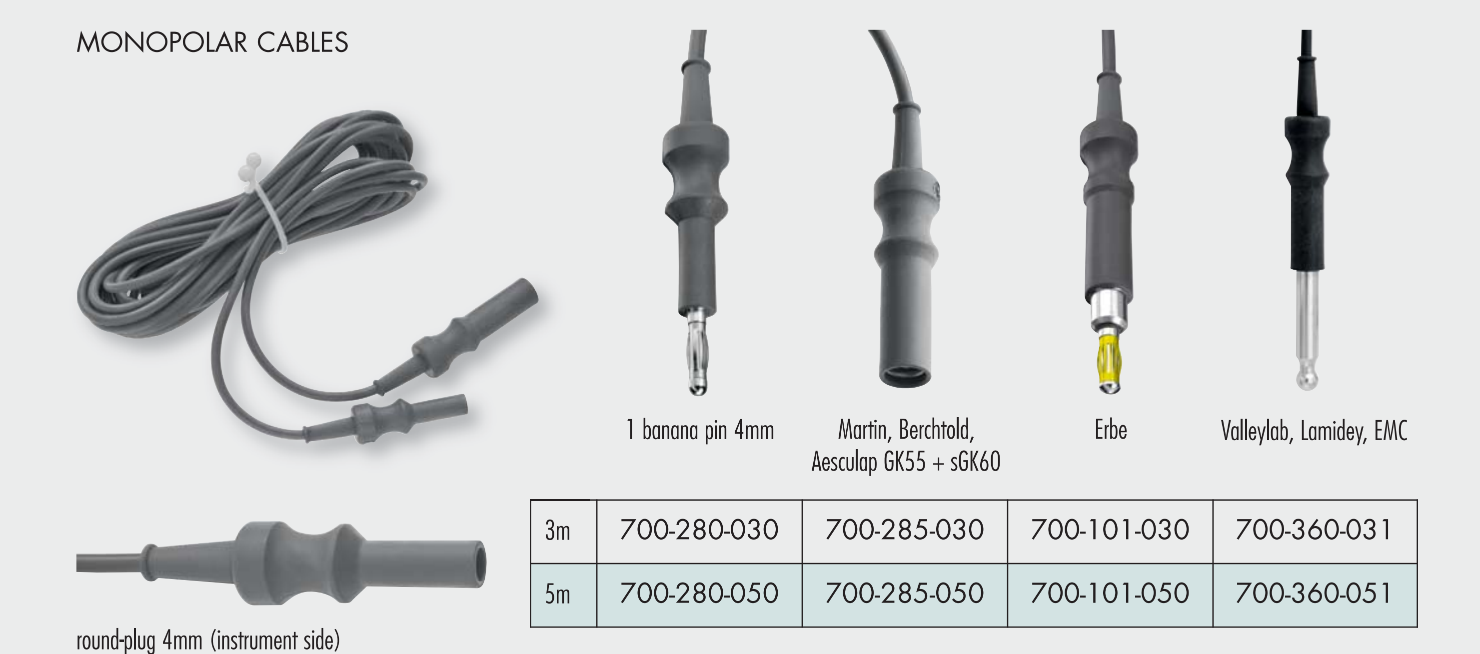
BIPOLAR CABLES



	2-banana-pin	Erbe	Martin, Berchtold, Aesculap GK55 + sGK60	Valleylab, Lamidey, EMC
3m	700-350-030	700-101-001	700-287-030	700-351-031
5m	700-350-050	700-101-000	700-287-050	700-351-051

	2-banana-pin	Erbe	Martin, Berchtold, Aesculap GK55 + sGK60	Valleylab, Lamidey, EMC
3m	700-350-130	700-101-130	700-287-130	700-351-131
5m	700-350-150	700-101-150	700-287-150	700-351-151

MONOPOLAR CABLES



	1 banana pin 4mm	Martin, Berchtold, Aesculap GK55 + sGK60	Erbe	Valleylab, Lamidey, EMC
3m	700-280-030	700-285-030	700-101-030	700-360-031
5m	700-280-050	700-285-050	700-101-050	700-360-051

round-plug 4mm (instrument side)



100-853-295
JAKO-TYPE
Laryngeal Messer, gerades Blatt, Klingenlänge: 8 mm, 295 mm
Laryngeal knife, straight blade, blade length: 8 mm, 11 ¾ inch

100-854-295
JAKO-TYPE
Laryngeal Sichelmesser, Klingenlänge: 8 mm, 295 mm
Laryngeal sickle knife, blade length: 8 mm, 11 ¾ inch

100-855-300
JAKO-TYPE
Laryngeal Sonde, gerade, Arbeitslänge: 220 mm, 295 mm
Laryngeal probe, straight, working length: 8 ½ inch, 11 ¾ inch

100-856-300
JAKO-TYPE
Laryngeal Sonde, 90° abgewinkelt, Arbeitslänge: 220 mm, 295 mm
Laryngeal probe, 90° angled, working length: 8 ½ inch,11 ¾ inch

100-857-300
JAKO-TYPE
Mikro Dissektor, stumpf, 4 mm breit, Gesamtlänge: 295 mm
Micro dissector, blunt, 4 mm wide,11 ¾ inch

100-858-300
JAKO-TYPE
Skalpellgriff für Skalpellklingen Fig. 10,11,12 und 15, 190 mm
Scalpel handle for scalpel blades Fig. No.10,11,12, and 15, 7 ½ inch

100-859-300
JAKO-TYPE
Mikro Sichelmesser mit Daumengriff, Klingenlänge: 8 mm, 295 mm
Micro sickle knife with thumbhandle, blade length: 8 mm, 12 inch

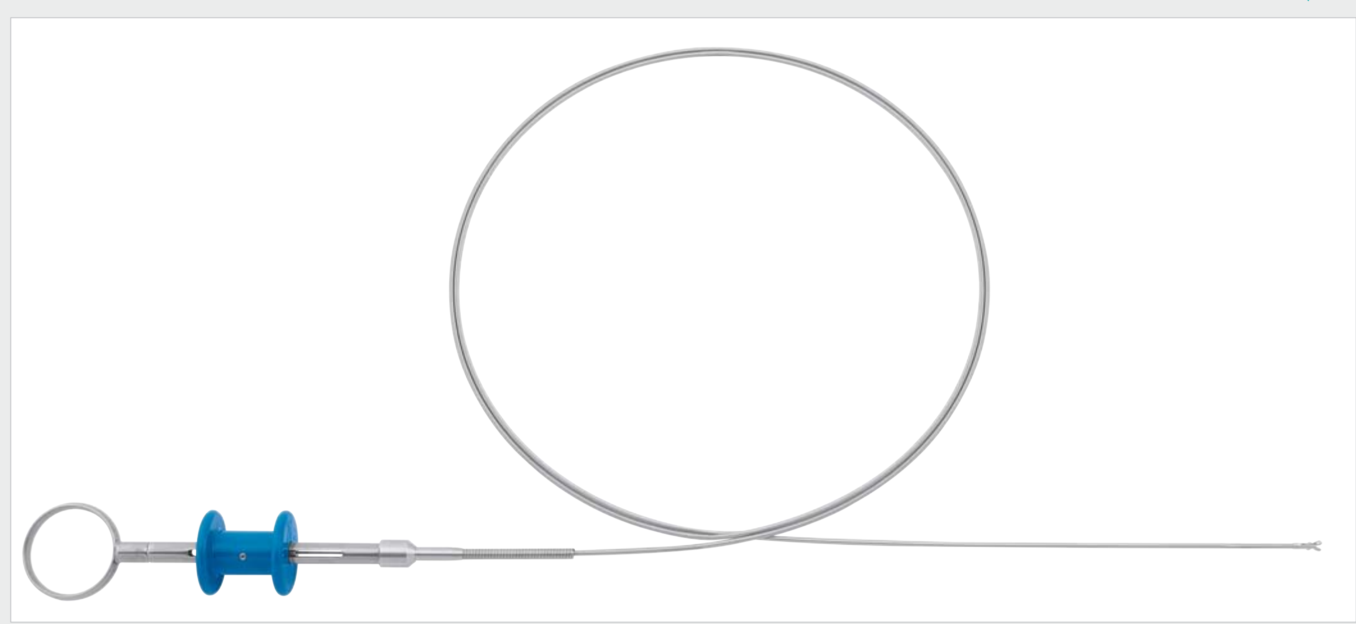
100-860-300
JAKO-TYPE
Mikro Laryngeal Haken mit Daumengriff,
90° abgewinkelt, 4 mm lang, 295 mm
Micro laryngeal probe with thumbhandle,
90° angled, 4 mm long, 12 inch

BRONCHOSCOPY

Instruments and
Equipment for
Bronchoscopy

BRONCHOSCOPY



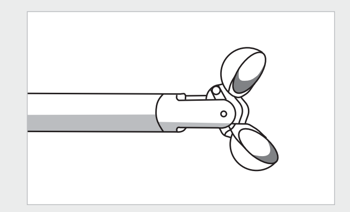


100-518-090 - 100-723-090

Flexible Biopsie- und Faßzangen, für flexible Endoskope, doppelbewegliche Maulteile, voll sterilisierbar

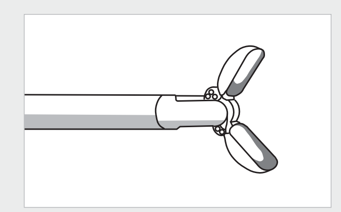
Flexible Biopsy- and Grasping forceps, for flexible Endoscopes, double-action jaws, totally autoclavable

Biopsiezange, runder Löffel/Biopsy forceps, round cup



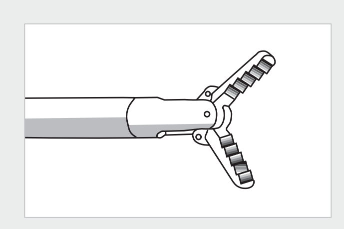
100-501-075	750 mm, 1,0 mm ø
100-518-090	900 mm, 1,8 mm ø
100-523-090	900 mm, 2,3 mm ø
100-518-120	1200 mm, 1,8 mm ø
100-523-120	1200 mm, 2,3 mm ø

Biopsiezange, ovaler Löffel/Biopsy forceps, oval cup



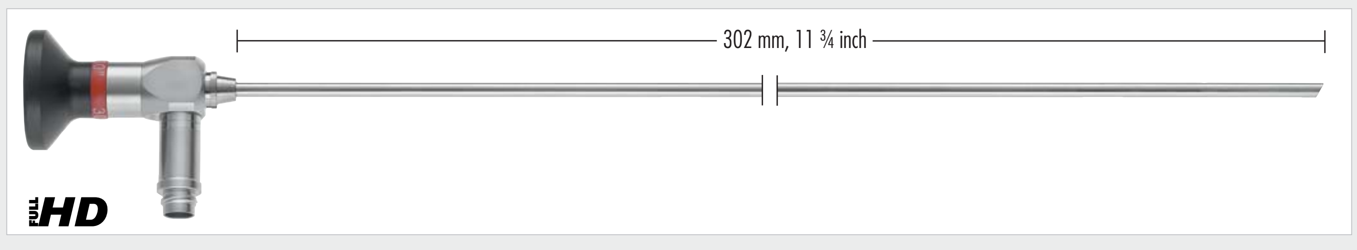
100-601-075	750 mm, 1,0 mm ø
100-618-090	900 mm, 1,8 mm ø
100-623-090	900 mm, 2,3 mm ø
100-618-120	1200 mm, 1,8 mm ø
100-623-120	1200 mm, 2,3 mm ø

Faßzange mit Hechtmaul/Alligator grasping forceps



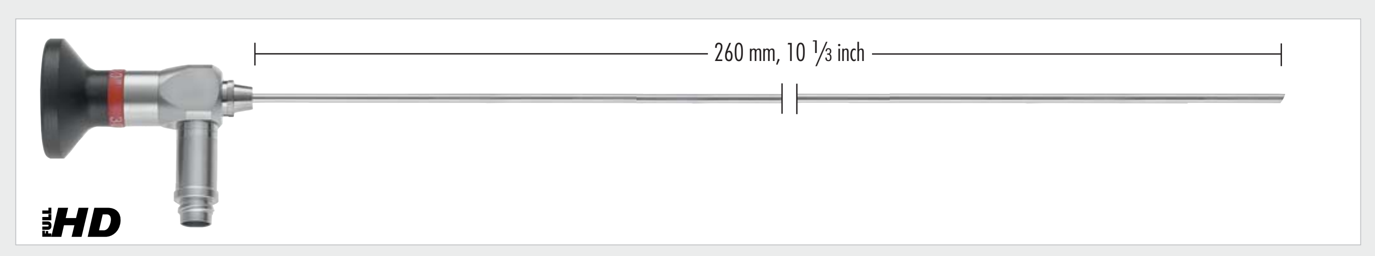
100-701-075	750 mm, 1,0 mm ø
100-718-090	900 mm, 1,8 mm ø
100-723-090	900 mm, 2,3 mm ø
100-718-120	1200 mm, 1,8 mm ø
100-723-120	1200 mm, 2,3 mm ø





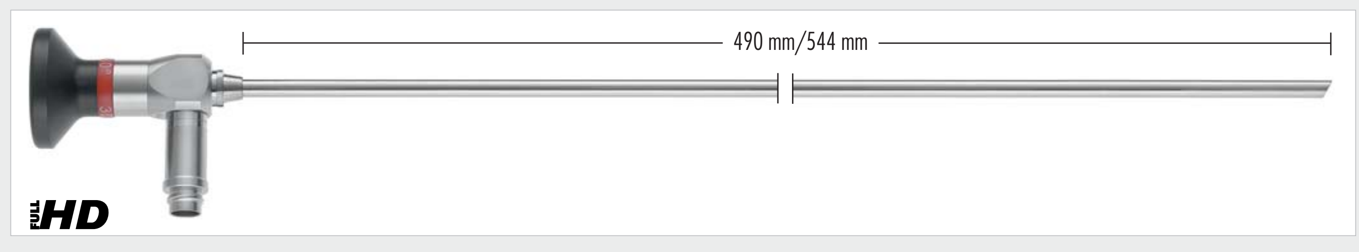
100-604-000
Bronchoskop, starr, 0°, ⌀ 4 mm, autoklavierbar, Nutzlänge 302 mm
Bronchoscope, rigid, 0°, ⌀ 4 mm, autoclavable, working length 11 ¾ inch

100-604-030
Bronchoskop, starr, 30°, 4 mm ⌀, autoklavierbar, Nutzlänge 302 mm
Bronchoscope, rigid, 30°, 4 mm ⌀, autoclavable, working length 11 ¾ inch



100-627-000
Bronchoskop, starr, 0°, ⌀ 2,7 mm, autoklavierbar, Nutzlänge 260 mm
Bronchoscope, rigid, 0°, ⌀ 2.7 mm, autoclavable, working length 10 ⅓ inch

100-627-030
Bronchoskop, starr, 30°, ⌀ 2,7 mm, autoklavierbar, Nutzlänge 260 mm
Bronchoscope, rigid, 30°, ⌀ 2.7 mm, autoclavable, working length 10 ⅓ inch



100-655-000 Nutzlänge 490 mm/working length 19 ⅓ inch
100-655-100 Nutzlänge 544 mm/working length 21 ⅓ inch
Bronchoskop, starr, 0°, ⌀ 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ⌀ 5.5 mm, autoclavable

100-655-030 Nutzlänge 490 mm/working length 19 ⅓ inch
100-655-130 Nutzlänge 544 mm/working length 21 ⅓ inch
Bronchoskop, starr, 30°, ⌀ 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ⌀ 5.5 mm, autoclavable

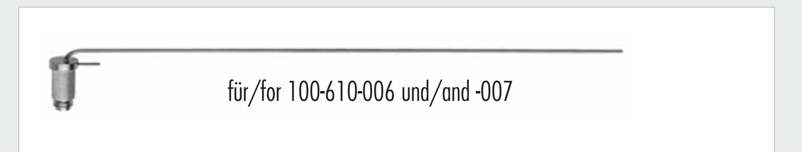


100-610-001	Erwachsene/adult 400 mm/15 ¾ inch	∅ 10 mm
100-610-002	Erwachsene, klein/adult, small 400 mm/15 ¾ inch	∅ 9.0 mm
100-610-003	Jugendliche/adolescent 400 mm/15 ¾ inch	∅ 8.0 mm
100-610-006	Kinder/children 300 mm/11 ¾ inch	∅ 7.0 mm
100-610-007	Kinder/children 300 mm/11 ¾ inch	∅ 6.5 mm
100-610-008	Kleinkinder/little children 275 mm/10 ¾ inch	∅ 5.4 mm
100-610-009	Säugling/Baby 275 mm/10 ¾ inch	∅ 4.1 mm
100-610-013	Säugling, Messing/Brass, Baby 275 mm/10 ¾ inch	∅ 3.7 mm
100-610-014	Säugling, Messing/Brass, Baby 180 mm/7 inch	∅ 3.7 mm

NEGUS
Bronchoskop, rostfreier Stahl
Bronchoscope, stainless steel

für/for 100-610-001 bis/to -003

100-610-025
NEGUS
Kaltlichtträger für Bronchoskope, 400 mm
Fibre optic light carrier for bronchoscope, 15 ¾ inch

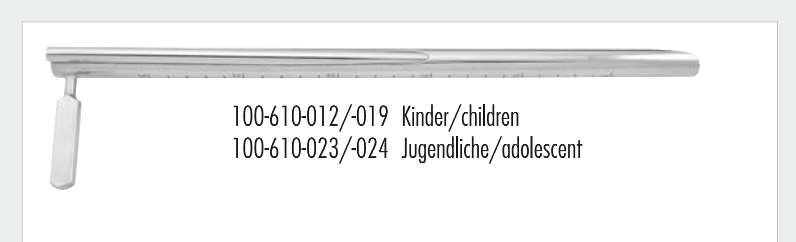

für/for 100-610-006 und/and -007

100-610-026
NEGUS
Kaltlichtträger für Bronchoskope, 300 mm
Fibre optic light carrier for bronchoscope, 12 inch



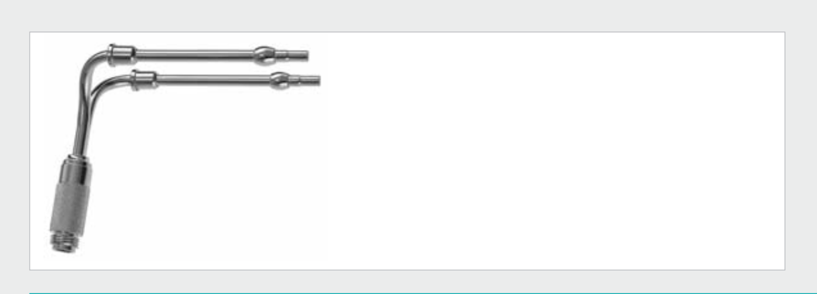
100-610-010	15,6 x 17,6 mm, 450 mm/17 ¾ inch
100-610-011	13.6 x 15.6 mm, 350 mm/13 ¾ inch
100-610-027	11.6 x 13.6 mm, 450 mm/13 ¾ inch

NEGUS
Oesophagoskop, Erwachsene, rostfreier Stahl,
Oesophagoscope, adult, stainless steel


100-610-012/-019 Kinder/children
100-610-023/-024 Jugendliche/adolescent

100-610-012	8.0 x 10 mm, 350 mm/13 ¾ inch
100-610-019	8.0 x 10 mm, 250 mm/10 inch
100-610-023	9.6 x 11.6 mm, 350 mm/13 ¾ inch
100-610-024	9.6 x 11.6 mm, 250 mm/10 inch

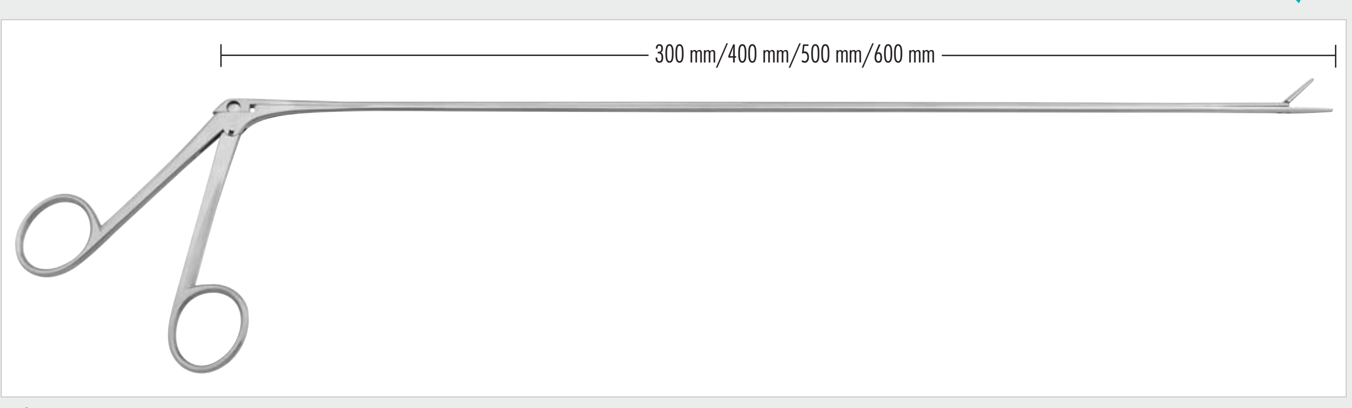
NEGUS
Oesophagoskop, Kinder, rostfreier Stahl
Oesophagoscope, children, stainless steel



100-610-020	Erwachsene/adult
100-610-021	Erwachsene, kurz/adult, short
100-610-022	Kinder/children

Kaltlichtträger, beidseitig, für Oeseophagoskop, 65 mm
Fibre optic light carrier, for use with oesophagoscope, 2 ½ inch



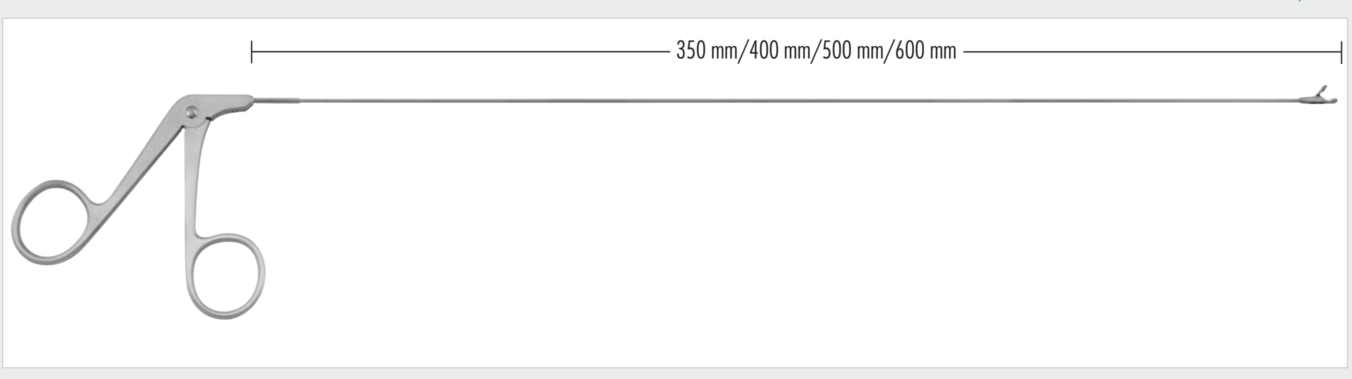


Jackson

Broncho-Oesophagoskopie-Zangen und Biopsiezangen mit **Schieberschaft**, obere Maulteile beweglich
Broncho-oesophagoscopic forceps and Biopsy forceps with **sliding-shaft**, upper jaws moveable

		Schaftlänge/shaft-length			
		300 mm/12 inch	400 mm/15 ¾ inch	500 mm/19 ½ inch	600 mm/23 ½ inch
gerieft/ serrated		100-750-301	100-750-401	100-750-501	100-750-601
1x2 Zähne 1x2 teeth		100-750-302	100-750-402	100-750-502	100-750-602
Alligator Zähne Alligator teeth		100-750-303	100-750-403	100-750-503	100-750-603
Löffelmaul gerade Cupped jaws, straight	∅ 2 mm	100-750-304	100-750-404	100-750-504	100-750-604
	∅ 4 mm	100-750-305	100-750-405	100-750-505	100-750-605
Löffelmaul aufgebogen Cupped jaws, upcurved	∅ 2 mm	100-750-306	100-750-406	100-750-506	100-750-606
	∅ 4 mm	100-750-307	100-750-407	100-750-507	100-750-607
Löffelmaul, länglich, gerade Löffelmaul, oblong, straight		100-750-308	100-750-408	100-750-508	100-750-608
Stanzenmaul, eckig Punch jaw, angular		100-750-309	100-750-409	100-750-509	100-750-609
Stanzenmaul, rund Punch jaw, round		100-750-310	100-750-410	100-750-510	100-750-610

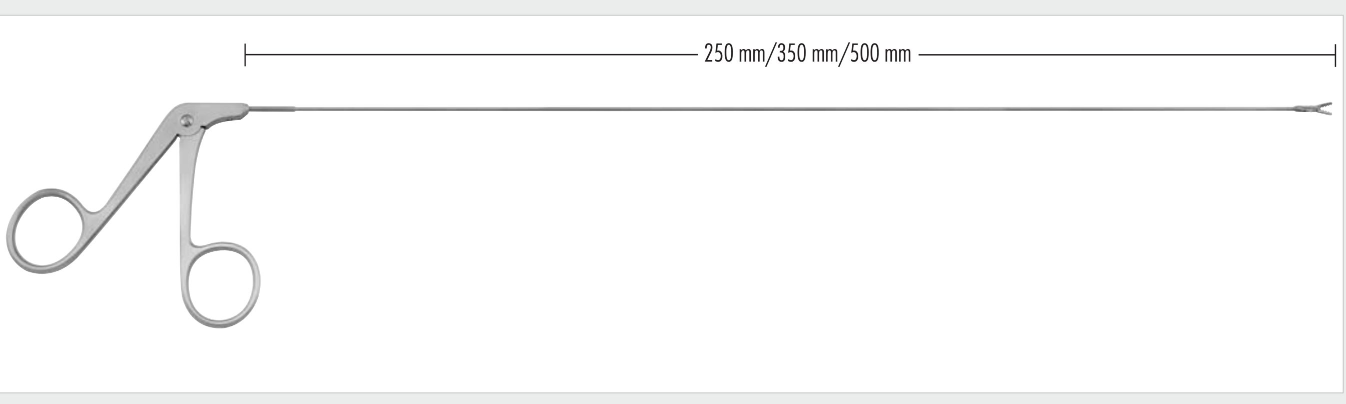




Laryngo-Broncho-Oesophagoskopiezangen, mit **Rohrschaft**
Broncho-Esophagoscopic forceps, with **tubular shaft**

	Schaftlänge/shaft-lenght	Schaftstärke/shaft ⌀ 2.5 mm 400 mm/15 ¾ inch	500 mm/19 ½ inch	600 mm/23 ½ inch	Kinder/children ⌀ 1.5 mm 350 mm/13 ¾ inch
	Stanzenmaul/Punch jaw	100-720-401	100-720-501	100-720-601	100-720-301
	Fasszange, gerieft Grasping Forceps, serrated	100-720-402	100-720-502	100-720-602	100-720-302
	Fasszange, gerieft, gefenstert Grasping Forceps, serrated, fenestrated	100-720-403	100-720-503	100-720-603	100-720-303
	Alligator Zähne Alligator teeth	100-720-404	100-720-504	100-720-604	100-720-304
	Löffelmaul, gerade Cupped Forceps, straight	100-720-405	100-720-505	100-720-605	100-720-305
	Löffelmaul, hoizontal aufgebogen Cupped Forceps, horizontal upcurved	100-720-406	100-720-506	100-720-606	100-720-306
	Löffelmaul, vertikal aufgebogen Cupped Forceps, vertical upcurved	100-720-407	100-720-507	100-720-607	100-720-307
	Löffelmaul, rechts gebogen Cupped Forceps, right curved	100-720-408	100-720-508	100-720-608	100-720-308
	Löffelmaul, links gebogen Cupped Forceps, left curved	100-720-409	100-720-509	100-720-609	100-720-309
	Löffelmaul, länglich, gerade Cupped Forceps, oblong, staight	100-720-410	100-720-510	100-720-610	100-720-310
	Löffelmaul, oval, gerade Cupped Forceps, oval, staight	100-720-411	100-720-511	100-720-611	100-720-311
	Löffelmaul, oval, gerade Cupped Forceps, oval, staight	100-720-412	100-720-512	100-720-612	100-720-312
	Löffelmaul, oval, gezahnt gerade Cupped Forceps, oval, serrated, staight	100-720-413	100-720-513	100-720-613	100-720-313



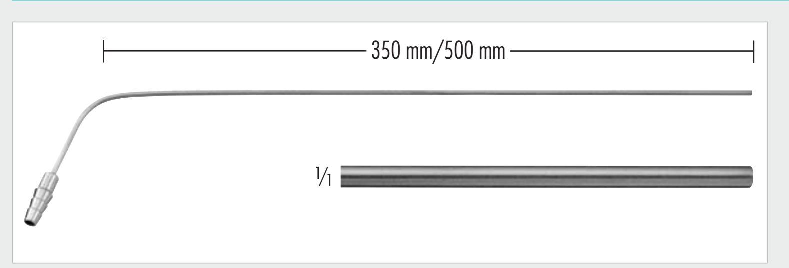


100-720-001 - 100-720-034

Bronchoskopiezangen, **Rohrschaft**, beide Maulteile beweglich
Bronchoscopy forceps, **tubular shaft**, double-action jaws

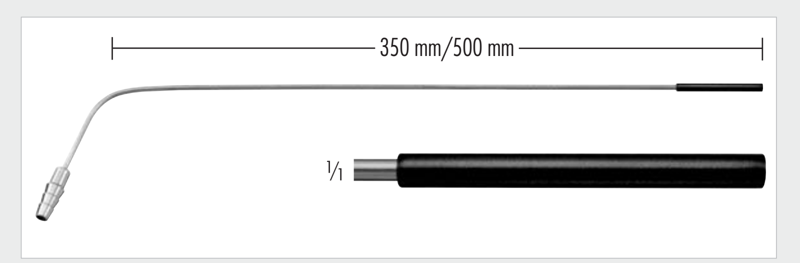
	Schaft ∅/shaft ∅	Schaftlänge/shaft-length		
		250 mm/10 inch	350 mm/13 ¾ inch	500 mm/19 ¾ inch
Fremdkörperzange mit Hechtmaul Foreign body Forceps alligator jaws	2,0 mm	100-720-001	100-720-011	–
Universal Biopsie- und Faßzange Universal biopsy and grasping forceps	2,0 mm	100-720-002	100-720-012	–
Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup	2,0 mm	100-720-003	100-720-013	–
Faßzange mit gefenstertem Maul Grasping forceps with fenestrated jaws	2,0 mm	100-720-004	100-720-014	–
Fremdkörperzange mit Hechtmaul Foreign body Forceps alligator jaws	2,5 mm	–	100-720-021	100-720-031
Universal Biopsie- und Faßzange Universal biopsy and grasping forceps	2,5 mm	–	100-720-022	100-720-032
Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup	2,5 mm	–	100-720-023	100-720-033
Faßzange mit gefenstertem Maul Grasping forceps with fenestrated jaws	2,5 mm	–	100-720-024	100-720-034





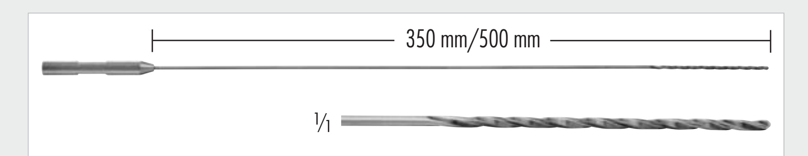
100-850-350
Saugrohr, 350 mm lang
Rigid suction tube, 13 ¾ inch long

100-850-500
Saugrohr, 500 mm lang
Rigid suction tube, 9 ¾ inch long



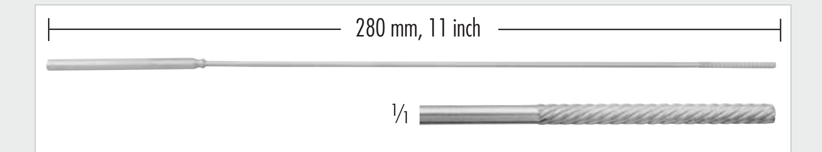
100-852-350
Saugrohr, mit flexibler Gummispitze, 350 mm lang
Rigid suction tube, with flexible rubber tip, 13 ¾ inch long

100-852-500
Saugrohr, mit flexibler Gummispitze, 500 mm lang
Rigid suction tube, with flexible rubber tip, 19 ¾ inch long

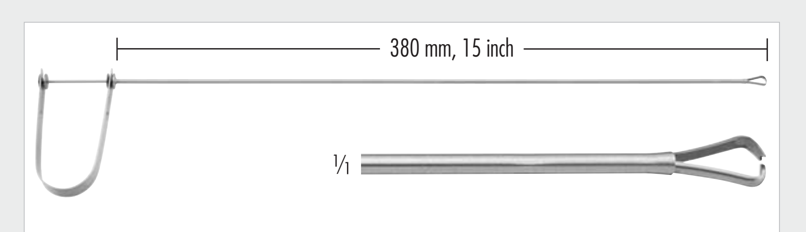


100-854-350
Watteträger, Nutzlänge 350 mm
Cotton carrier, working length 13 ¾ inch

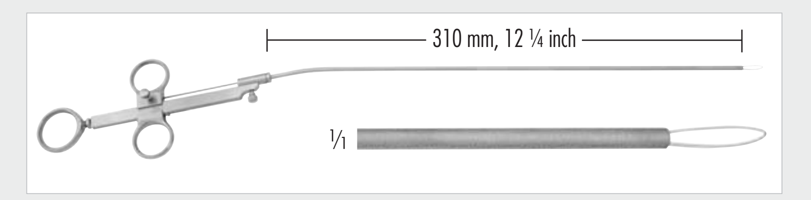
100-854-500
Watteträger, Nutzlänge 500 mm
Cotton carrier, working length 19 ¾ inch



100-864-280
Watteträger, spiralförmig gerieft, ⌀ 2,5 mm, Länge 280 mm
Cotten applicator, twist end serrated, ⌀ 2.5 mm, length 11 inch



100-856-380
Tupferhalter, 1 x 2 Zähne, Arbeitslänge: 380 mm
Sponge holder, 1 x 2 treeth, working length: 15 inch



100-868-100
FRANKENFELD
Laryngeal-Schnürer, Arbeitslänge: 310 mm
Laryngeal-snare, working length: 12 ¼ inch



100-868-101
Schnürerdraht, Bestelleinheit: PH=Packung á 100 Stück
Snare-wire, Sales unit: PH=Package of 100 pieces





Zugstange, gebogen/Rod, curved

100-754-021	200 mm/7 ¾ inch
100-754-031	300 mm/11 ¾ inch
100-754-041	400 mm/15 ¾ inch

HUBER Griff/Handle 100-754-000

Zugstange, gerade/Rod, straight

100-754-020	200 mm/7 ¾ inch
100-754-030	300 mm/11 ¾ inch
100-754-040	400 mm/15 ¾ inch



Aufsätze/Jaw tip



BARICANI
100-754-016 Faßzange/Grasping Forceps



LANGE Löffelzange/Cupped Forceps
100-754-009 Size 1
100-754-018 Size 2
100-754-005 Size 3



100-754-003 Faßzange mit Alligator Zähnen
Grasping Forceps with alligator teeth



FRAENKEL
100-754-017 Löffelzange, länglicher Löffel
Cupped Forceps, long cups



BRUENINGS Löffelzange, rund
Cupped Forceps, round
100-754-014 Size 1
100-754-004 Size 2
100-754-024 Size 3



SCHEINMANN
100-754-019 Löffelzange, abgewinkelt
Cupped Forceps, angled



KRAUSE Biopsie Stanze, oval, durchschneidend
Biopsy punch, oval, through cutting
100-754-008 Size 1
100-754-026 Size 2
100-754-027 eckig/angular, Size 1
100-754-007 eckig/angular, Size 2

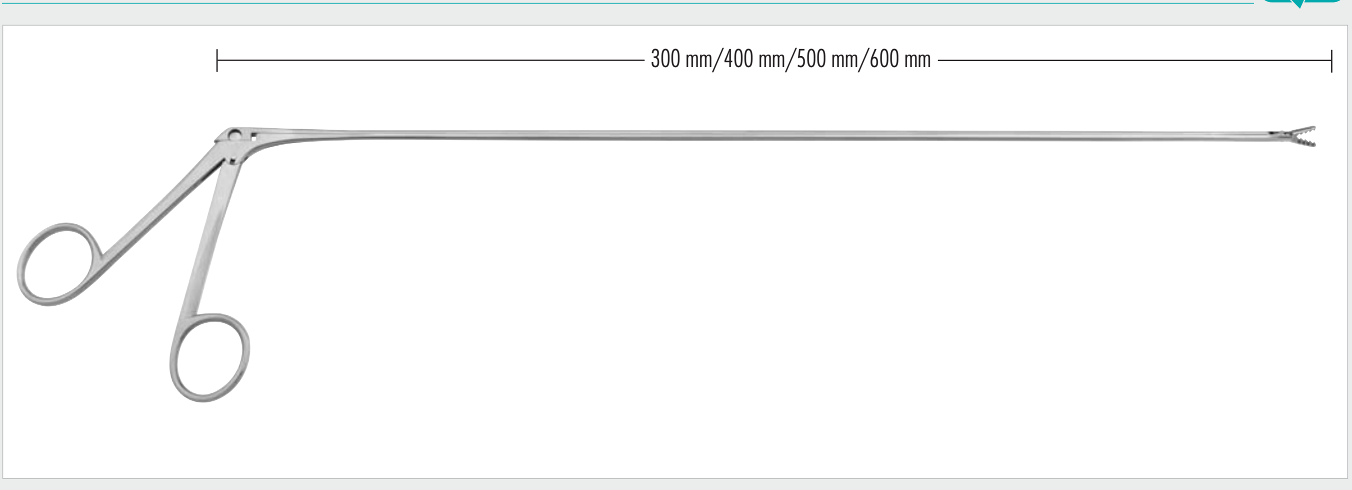


SCHUHMACHER
100-754-028 Biopsie Stanze, dreieckig, mit ziehendem Schnitt
Biopsy punch, triangular, with pull cutting

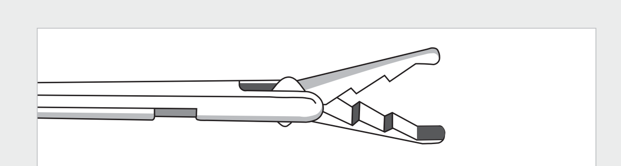


CORDES Stanze/Punch
100-754-029 rund/round
100-754-032 eckig/angular

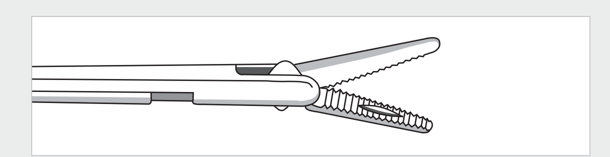




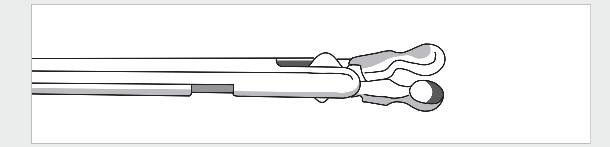
CHEVALIER-JACKSON
Bronchoskopie Zangen, **Schieberschaft**, doppelbewegliche Maulteile
Bronchoscopy forceps, **sliding-shaft**, double-moving jaws



Hechtmaul/Alligator jaw	Länge/Length
100-755-305	300 mm/11 ¾ inch
100-755-405	400 mm/15 ¾ inch
100-755-505	500 mm/19 ¾ inch
100-755-605	600 mm/23 ⅔ inch

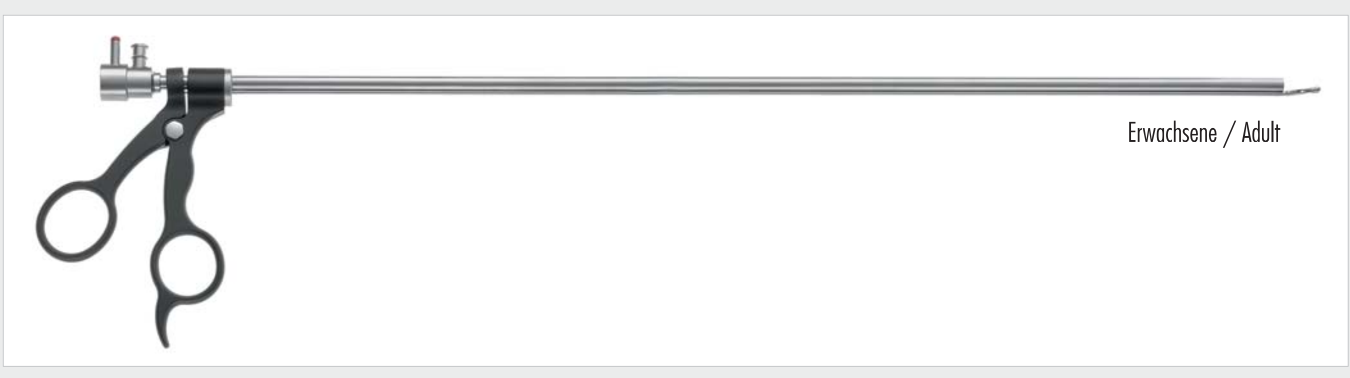


Faßzange, geriefte Maul/Grasping forceps, serrated jaw	
100-755-304	300 mm/11 ¾ inch
100-755-404	400 mm/15 ¾ inch
100-755-504	500 mm/19 ¾ inch
100-755-604	600 mm/23 ⅔ inch

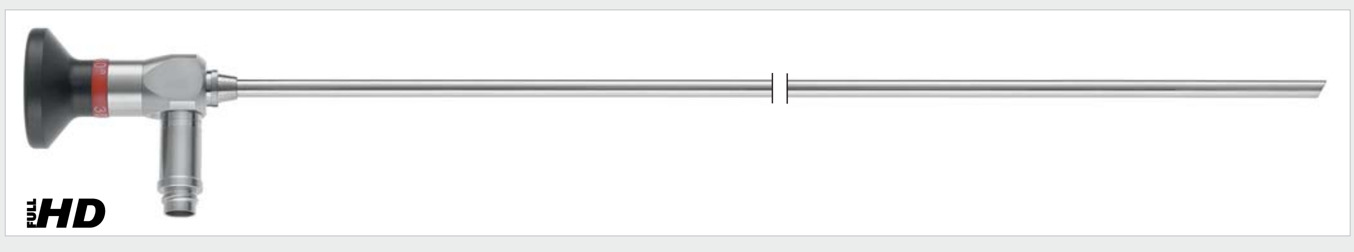


Löffelzange/Cupped forceps	
100-755-310	300 mm/11 ¾ inch
100-755-410	400 mm/15 ¾ inch
100-755-510	500 mm/19 ¾ inch
100-755-610	600 mm/23 ⅔ inch





Optische Bronchoskopie Zangen für Bronchoskope 8,5 - 7,5mm
Optical Bronchoscopy forceps for Bronchoscopes 8.5 - 7.5mm



100-655-100 Nutzlänge 540 mm/working length 21 ⅓ inch
Bronchoskop, starr, 0°, ⌀ 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ⌀ 5.5 mm, autoclavable

100-655-130 Nutzlänge 540 mm/working length 21 ⅓ inch
Bronchoskop, starr, 30°, ⌀ 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ⌀ 5.5 mm, autoclavable



100-900-221 Peanut optische Faßzange für Gewebe
Peanut and soft tissue grasper



100-900-222 Probeexcisionszange, Löffel 4,3mm
Biopsy Cut Forceps, Spoon 4.3mm



100-900-223 Mini Probeexcisionszange, ovaler Löffel 2,0mm
Mini Biopsy Cut Forceps, oval Spoon 2.0mm



100-900-224 Alligatormaul Faßzange, grobe Zahnung
Alligator forceps, coarse serration



100-900-225 Schere, doppelbeweglich
Scissors, double action

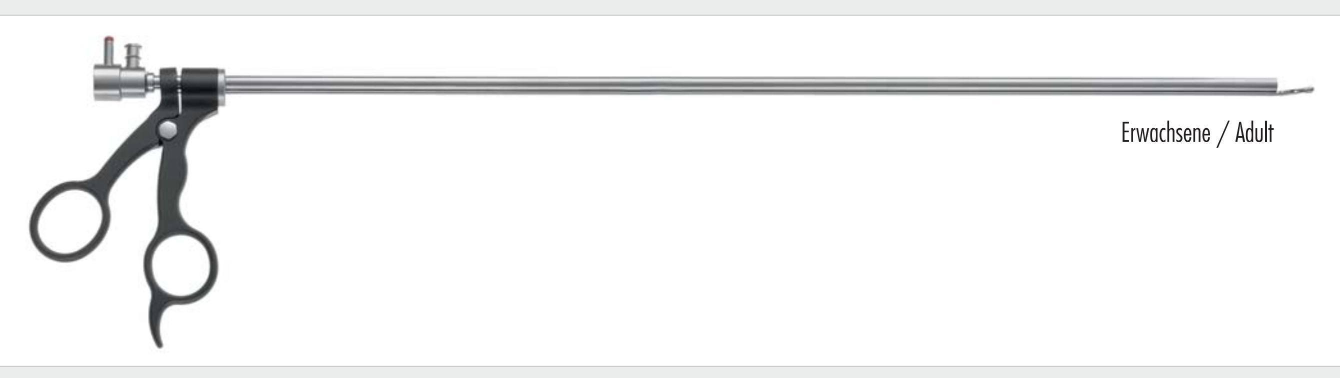


100-900-227 Fremdkörperzange
Foreignbody Forceps

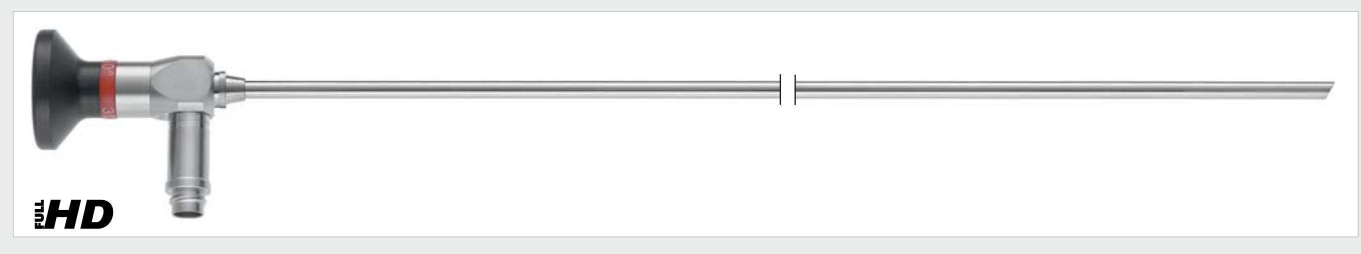


100-900-228 Fasszange
Grasping Forceps





Optische Bronchoskopie Zangen für Bronchoskope 8,5 - 7,5mm
Optical Bronchoscopy forceps for Bronchoscopes 8.5 - 7.5mm



100-655-000 Nutzlänge 490 mm/working length 19 ⅓ inch
Bronchoskop, starr, 0°, ⌀ 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, ⌀ 5.5 mm, autoclavable

100-655-030 Nutzlänge 500 mm/working length 19 ¾ inch
Bronchoskop, starr, 30°, ⌀ 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, ⌀ 5.5 mm, autoclavable



100-900-201 Peanut optische Faßzange für Gewebe
Peanut and soft tissue grasper



100-900-202 Probeexcisionszange, Löffel 4,3mm
Biopsy Cut Forceps, Spoon 4.3mm



100-900-204 Alligatormaul Faßzange, grobe Zahnung
Alligator forceps, coarse serration



100-900-205 Schere, doppelbeweglich
Scissors, double action



100-900-207 Fremdkörperzange
Foreignbody Forceps

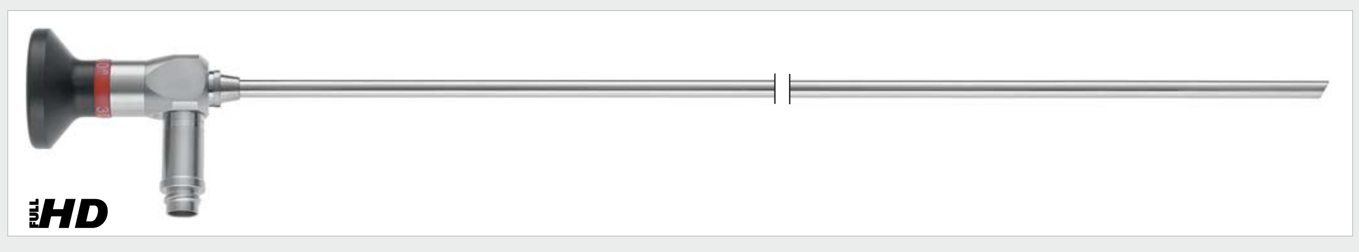


100-900-208 Fasszange
Grasping Forceps





Optische Bronchoskopie Zangen für Bronchoskope 8,5 - 7,5 mm
Optical Bronchoscopy forceps for Bronchoscopes 8.5 - 7.5 mm



100-629-000 Nutzlänge 300 mm/working length 12 inch
Bronchoskop, starr, 0°, ⌀ 2,9 mm, autoklavierbar
Bronchoscope, rigid, 0°, ⌀ 2.9 mm, autoclavable

100-900-211 Peanut optische Faßzange für Gewebe
Peanut and soft tissue grasper

100-900-212 Probeexcisionszange, Löffel 4,3mm
Biopsy Cut Forceps, Spoon 4.3mm

100-900-213 Mini Probeexcisionszange, ovaler Löffel 2,0mm
Mini Biopsy Cut Forceps, oval Spoon 2.0mm

100-900-214 Alligatormaul Faßzange, grobe Zahnung
Alligator forceps, coarse serration

100-900-227 Fremdkörperzange
Foreignbody Forceps